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ABSTRACT

This study investigates curricular change, coinciding with the implementation of a number of educational reforms aimed at raising Florida's academic standards, in Dade County secondary schools between 1982-83 and 1986-87. To ascertain the degree and type of change experienced, curriculum information on class section quantities and enrollments was collected from 16 secondary schools and compiled for the periods 1982-83 and 1986-87. Large increases were observed in offerings and enrollments in science, foreign languages, computer education, and health, while large declines occurred in vocational and physical education, and study hall. With the exception of observed curricular stability in mathematics, social studies, and language arts, these departmental trends mirror trends (observed nationally) of a shift toward a more academically oriented high school curriculum. A number of differences were noted between schools, determined by the percent of students receiving free or reduced lunches, classified as high socioeconomic (SES) and low SES. Enrollments in mathematics and safety and driver education increased in high-SES schools while declining in low-SES schools; foreign language enrollment showed greater increase in low-SES schools due to lower enrollment levels in 1982-83. Greater variation in curricular change by school SES was exhibited within departments. (11 references) (KM)

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Curricular Change in Dade County 1982-83 to 1986-87

A Replication of the PACE Study

Thomas L. Hanson

THE STATE UNIVERSITY OF NEW JERSEY
RUTGERS

Michigan State University

STANFORD UNIVERSITY

UNIVERSITY of WISCONSIN-MADISON

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Curricular Change in Dade County 1982-83 to 1986-87

A Replication of the PACE Study

Thomas L. Hanson

September 1989

THE STATE UNIVERSITY OF NEW JERSEY
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WISCONSIN-
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ABSTRACT

This study investigates curricular change in Dade County, Florida secondary schools between 1982-83 and 1986-87. This period coincides with the implementation of a number of educational reforms which were aimed at raising academic standards in Florida secondary schools.

Curriculum data on the number of sections and enrollment in sections was collected and compiled from a sample of sixteen secondary schools from 1982-83 and 1986-87. This data was used to ascertain the degree and type of curricular change experienced in Dade county over this time period.

Large increases were observed in offerings and enrollments in science, foreign languages, computer education, and health. Large declines occurred in vocational education, physical education, and study hall. Course offerings and enrollments in language arts, mathematics, and social studies remained relatively stable between 1982-83 and 1986-87 in Dade County. With the exception of observed curricular stability in mathematics and language arts, these departmental trends mirror trends observed nationally of a shift towards a more academically oriented high school curriculum. Within the Mathematics Department, however, evidence is provided that suggests that students were being redistributed towards the less academically oriented mathematics courses.

In order to determine if curricular trends in Dade County differed according to "school type", the sample was split into two groups based on school SES levels. Curricular trends were then examined separately for these two groups. However, the item used to classify schools into SES groupings--percent of students receiving free or reduced lunches--was somewhat unstable in the sample during the period covered by the study. Therefore, results pertaining to differences in curricular change in high SES and low SES schools should be interpreted with caution. With this admonition, a number of differences were observed between schools classified as high SES and schools classified as low SES. Enrollments in mathematics and safety & driver education, as a proportion of total enrollments, increased in schools classified as high SES while declining in low SES schools. Foreign language enrollments showed greater increases in low SES school due to lower levels of enrollments in 1982-83. Greater variation in curricular change by school SES level was exhibited within departments.

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* * * * * * * * * * * * * *

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INTRODUCTION

This study investigates curricular change in Dade County, Florida secondary schools between 1982-83 and 1986-87 through replication of the PACE analysis of changes in course-taking in California (see Grossman, Kirst, Negash, Schmidt-Posner, and Garet, 1985). This period coincides with the implementation of a number of educational reforms which were aimed at raising academic standards in Florida secondary schools.

Although it is difficult to link changing course-taking and course-offering patterns to any specific cause, this study will at least demonstrate whether policy changes were accompanied by curricular change in Dade County. A further question addressed by this study is whether curricular change (or stability) varied by school type in Dade County. That is, did curricular change vary by school socioeconomic level (SES)? Since much of the reform in Florida was aimed at raising academic standards, one might expect the magnitude of curricular change to be greater in lower SES schools--schools that might be expected to be less academically oriented before the reform period. On the other hand, as lower SES schools might be expected to have less resources to cope with new curricular demands, one might expect curricular change in lower SES schools to lag behind that in higher SES schools.[1]

Background[2]

In the summer of 1983, the Florida legislature passed the RAISE Bill (Raise Academic Achievement in Secondary Education). Prior to enactment of this legislation, Florida had no state high school graduation credit requirements. Course requirements were established by local school districts and varied from 17 to 22 credits across the state.

Beginning with the 1986-87 school year, 24 credits were required for graduation distributed as follows:

4 credits in English;

3 credits in mathematics;

3 credits in science, 2 of which must have a laboratory component;

---

[1] The magnitude of any differences would also depend on the magnitude of the SES differences themselves, a point considered later in the paper.

[2] Most of the information concerning educational reform pertaining to student standards in Florida in this section comes from a 9-page memo prepared by Patricia Williams (1987) entitled "Florida Education Policies".

1 credit in American history;

1 credit in world history;

1/2 credit in economics;

1/2 credit in practical arts education;

1/2 credit in performing arts education;

1/2 credit in life management skills;

1/2 credit in physical education;

9 elective credits which could not include more than a total of 2 credits in remedial and compensatory courses.

The 1985 RAISE and Omnibus Clarification Act changed the number of remedial and compensatory courses that could be included as elective credits counting towards graduation from 2 to 9.

In addition to increases in graduation requirements at the secondary school level, Florida State Universities made entrance requirements more academically rigorous. In the fall of 1984, entering students at Florida State Universities were required to have 3 units of English (2 of which must have had substantive writing), 2 of mathematics, and 5 units from any three of the following: math, English, social studies, natural science, and foreign Languages. In the fall of 1987, the requirements were 4 units of English (3 with substantive writing), 3 units of mathematics (algebra 1 or above), 3 units of science, 3 units of social studies, 2 units in a foreign language, and 4 electives. Thus, the net effect of these changes was the addition of 1 English course requirement, 1 math requirement, 2 mandatory foreign language requirements, and an indeterminant increase in either social studies or natural science for students planning to attend Florida State Universities after 1986.

Information from CPRE's common core data base[3] indicates that the main impact of the State of Florida's newly implemented graduation requirements on Dade County was the addition of one science course. Other state requirements had already been met in the district due to an existing alignment of high school graduation requirements with state university entrance requirements.

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[3] CPRE's core data base consists of interview data collected from 6 states in at least 3 districts within each state. Respondents at the district and school level include superintendents, board members, principals, and teachers.

METHODOLOGY

Data for this study come from a sample of 16 secondary schools chosen randomly from 24 high schools in Dade County. In order to determine how well the sample of schools represented the district as a whole, descriptive statistics pertaining to the schools selected were compared to those of the schools not selected. Table 1-A presents means and standard deviations of some of these items. Although the small number of schools in both groups limits the ability to make strong inferences, in no case was a sample mean found to differ from a non-sample mean in a statistically significant manner. However, apart from statistical significance, it appears that, as a group, the schools selected for inclusion in the sample are somewhat less advantaged than those schools not selected. The schools in the sample have greater proportions of students receiving subsidized school lunches, greater relative numbers of minority students, and lower average scores on Stanford Achievement Tests than is the case for the schools not selected.

Using data supplied by the Florida Department of Education, the number of sections of each course, as well as the enrollment in each course, was tabulated for 1982-83 and 1986-87. These tabulations were used to compute the percent change and absolute change in course offerings and course enrollments; percentage distributions of course offerings and course enrollments;[4] percentage change in percentage distributions of offerings and enrollments between the two time periods; and adjusted absolute change in offerings and enrollments.

Adjusted absolute change has been given considerable importance in this paper. Courses and departments in many of the tables are ranked in order of adjusted absolute change. To illustrate the computation, meaning, and significance of adjusted absolute change, consider the following hypothetical example (using round numbers for convenience).

Suppose that, in 1982-83, a course, Algebra, had 10 percent of total district enrollments of 50,000, that is, a course enrollment of 5000 students. Further suppose that, in 1986-87, Algebra had 15 percent of total enrollments of 100,000, or 15,000 students.

How might we describe the shift between 1982-83 and 1986-87 in statistical terms? One revealing statistic is the change from 10 percent of enrollments to 15 percent, a 50 percent increase in size relative to other courses. This "percentage change in percentage distribution" is reported in every table and frequently discussed in the text of this paper. But a percentage change can involve very different numbers of students. For example, a change from .1 percent to .15 percent in the hypothetical example would also represent a 50 percent relative increase but would involve only 50 students in 1982-83 and 150 students in 1986-87.

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[4] That is, each department's or course's share of total course offerings and enrollments.

TABLE 1-A
Sample and Non-sample Descriptive Statistics

Item	Sample (N=16)	Non-Sample (N=8)
Free/Red Lnch 1981-82		
....Mean	18.60	14.90
....Stand. Dev.	10.27	11.42
Free/Red Lnch 1985-86		
....Mean	10.63	8.06
....Stand. Dev.	3.64	4.83
Percent Black 1982-83		
....Mean	33.00	27.20
....Stand. Dev.	28.67	30.70
Percent Black 1986-87		
....Mean	34.81	30.90
....Stand. Dev.	31.03	29.90
Percent Hispanic 1982-83		
....Mean	39.88	28.37
....Stand. Dev.	27.13	24.70
Percent Hispanic 1986-87		
....Mean	42.56	31.00
....Stand. Dev.	28.44	25.87
SAT-Reading 1982-83		
....Mean	39.56	46.38
....Stand. Dev.	12.30	16.53
SAT-Reading 1986-87		
....Mean	42.00	49.00
....Stand. Dev.	12.75	14.27
SAT-Mathematics 1982-83		
....Mean	48.12	56.00
....Stand. Dev.	12.40	16.44
SAT-Mathematics 1986-87		
....Mean	53.25	60.75
....Stand. Dev.	11.73	13.64

Sources:

(1) Dade County Public Schools (1986). *District and School Profiles, 1986-87. Dade County Public Schools, Florida.* Miami, Florida. Office of Educational Accountability.

(2) Dade County Public Schools (1982). *District and School Profiles, 1982-83. Dade County Public Schools, Florida.* Miami, Florida. Office of Educational Accountability.

Why be concerned about total numbers? The total number of students affected by reform is one measure of its impact (because, for example, of interest in the total number of students with designated skills, like mathematics). What measure might be used to represent this concept of absolute change?

The most obvious possibility is the absolute change in enrollments--15,000 in 1986-87 vs. 5,000 in 1982-83, a growth of 10,000 students. This measure of absolute change is relevant and is reported in every table. However, the absolute change is not a good measure of the impact of reform. Increased graduation requirements assume a greater emphasis on required subjects--students taking more mathematics, not simply more students taking mathematics. In the hypothetical, some of the growth in algebra is due to growth in total enrollments in the district (50,000 to 100,000) rather than a greater emphasis on algebra relative to other subjects.

Adjusted absolute change is the statistic used to capture the necessary hybrid of absolute numbers and relative emphasis. If, in 1986-87, algebra maintained its relative percentage of 10 percent from the earlier period, we would expect an 1986-87 enrollment of 10,000. Instead, the 1986-87 enrollment was 15,000. The adjusted absolute change is the difference between the actual and expected figures (15,000-10,000, or 5000). In effect, the computation partitions the absolute growth of 10,000 into two parts--5000 due to growth in total enrollments and 5000 due to the shift in relative share. (The same computation is used for enrollment decline. A 15 percent enrollment in 1982-83 would generate an expected enrollment of 15,000 in 1986-87. If the actual 1986-87 enrollment were 10,000 (10 percent), the adjusted absolute change (actual-expected) would be -5000 students).

Because adjusted absolute change is a reasonable measure of the total number of students affected by reform, it is used to rank the courses and departments in the tables.[5] The adjusted absolute change statistic has the additional useful property of summing to zero across all courses. In other words, gains in some courses must be exactly balanced by losses in other courses (because relative percentage gains necessarily must be balanced by relative percentage losses). Consequently, the first several courses in many tables consist of the biggest "winners and losers" -- the courses which gained and lost the greatest number of students.[6]

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[5] Note three points about this measure. First, it does not strengthen the inference of cause and effect between reform and change in enrollments. As a measure of the absolute size of the entire relative shift between time periods, it probably should be considered a measure of the maximum size of the effect of reform. Second, in this paper, enrollment is not the total number of students in the district but, rather, the total number in the sample. Third, course enrollment statistics do not correspond to the number of students enrolled. Because each student usually enrolls in many courses, total enrollment across courses is considerably larger than the total number of students taking these courses. Adjusted absolute change is nonetheless a good measure of reform-related change because it provides a sense of the magnitude of change that could be the result of reform.

In order to determine whether curricular trends in Dade County secondary schools differed by school socioeconomic status (SES), the sample was split into two groups based on school SES levels. The proportion of students receiving free or reduced lunches was used as a proxy measure of school SES.[7] Schools where the proportion of students receiving free or reduced lunches was above the sample median were classified as low SES schools. Schools where the proportion fell below the sample median were classified as high SES schools. Once classified, changes in course offerings and enrollments were computed separately for these two subsamples.

School Status Characteristics and Trends

A number of important differences were exhibited between high SES and low SES schools in the sample. Table 1-B presents means and standard deviations of selected characteristics of schools in the sample by SES level. In the total sample, an average of 18.6 percent of the students received free or reduced lunches in 1981-82 (from Table 1-A). This compares to an average of 10.73 percent in high SES schools and 26.47 percent in low SES schools. An examination of Table 1-B reveals that differences between means among high SES and low SES schools were in the expected directions, as the proportion of black students tended to be higher in low SES schools and average test scores tended to be higher in high SES schools.

Although schools classified as high SES and schools classified as low SES differed in expected ways, there is some reason to suspect that these school types were not entirely distinct over the period covered by the present analysis. Tables 1-A and 1-B both show that the percentage of students receiving free or reduced lunches declined dramatically between 1981-82 and 1985-86. Whether this is the result of changes in eligibility requirements implemented at the Federal level or the result of changes in student composition is not entirely clear. A perusal of Table 1-B shows that the decline was steeper in low SES schools.

If the schools in Dade County did experience a high degree of compositional change between 1982-83 and 1986-87, it will be impossible to ascertain the "effect" of school SES level on curricular change. However, from a brief examination of the other items in Tables 1-A and 1-B, little evidence is provided that the composition of the student body in the sample underwent a high degree of change. Percentages of minority students and average achievement scores showed similar patterns across time in high SES and low SES schools. Absent additional evidence of compositional change, the school SES classification scheme will be used to examine curricular change in different types of schools. However, due to the instability of the item used for this classification, the results should be interpreted very tentatively.[8]

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[6]. Obviously, this procedure makes it easier to identify the most important changes, but less convenient to trace change in particular courses which may appear in different order from table to table.

[7] Starting in 1981, eligibility for the subsidized school lunch program was set at 130 and 185 percent of the Office of Management and Budget's nonfarm income poverty guidelines for free and reduced price meals, respectively (General Accounting Office, 1984).

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[8] Additional data is presented that addresses this issue in Tables C-1 and C-2, and graphically in Figures 1 through 8, in Appendix C.

TABLE 1-B
Selected Descriptive Statistics by School SES Level

Item	Mean	Stan Dev
Free/Red Lnch 1981-82		
....Low SES	26.47	7.90
....High SES	10.73	4.68
Free/Red Lnch 1985-86		
....Low SES	12.80	3.01
....High SES	8.14	2.65
Percent Black 1982-83		
....Low SES	48.00	29.32
....High SES	18.00	19.68
Percent Black 1986-87		
....Low SES	49.50	31.07
....High SES	20.13	24.60
Percent Hispanic 1982-83		
....Low SES	34.25	24.39
....High SES	45.50	30.17
Percent Hispanic 1986-87		
....Low SES	36.12	25.43
....High SES	49.00	31.50
SAT-Reading 1982-83		
....Low SES	32.12	11.20
....High SES	47.00	8.48
SAT-Reading 1986-87		
....Low SES	35.38	12.48
....High SES	48.62	9.61
SAT-Mathematics 1982-83		
....Low SES	40.37	10.69
....High SES	55.87	8.34
SAT-Mathematics 1986-87		
....Low SES	45.75	10.28
....High SES	60.75	7.80

Sources:
(1) Dade County Public Schools (1986). *District and School Profiles, 1986-87. Dade County Public Schools, Florida.* Miami, Florida. Office of Educational Accountability.
(2) Dade County Public Schools (1982). *District and School Profiles, 1982-83. Dade County Public Schools, Florida.* Miami, Florida. Office of Educational Accountability.

MAJOR FINDINGS[9]

In terms of the number of students affected by curricular change, the largest departmental increases occurred in the areas of science and foreign languages. The proportion of enrollment in science increased approximately 52 percent from 1982-83 to 1986-87--with the largest increases occurring in physical science.[10] The proportion of enrollments in foreign languages increased 69 percent from 1982-83 to 1986-87. Within the Foreign Language Department, the largest increases occurred in Spanish enrollment--specifically, in Spanish 1, Spanish 2, and Spanish for Spanish Speakers respectively.

The largest departmental declines occurred in the areas of vocational education and physical education. The proportion of vocational education enrollments in the sample declined 40 percent and showed the greatest effect in terms of students affected by curricular change. Within vocational education, the largest declines took place in business education[11], diversified occupations, and industrial education,[12] respectively. The proportion of enrollment in physical education decreased approximately 23 percent--from approximately 10 percent of the total enrollment in 1982-83 to around 8 percent in 1986-87.[13]

Computer education enrollment showed a large degree of positive change--with the percentage of enrollment increasing from 0.04 percent of total enrollment to 2 percent. Although the proportion of enrollment in language arts courses decreased only slightly, the number of students affected by this decrease was quite substantial. Declines in reading enrollment and in courses classified as other were mostly responsible for this overall decline in enrollment in language arts courses.

The proportion of enrollment in the areas of mathematics and social studies remained relatively stable from 1982-83 to 1986-87 in Dade County. Within these departments, however, a substantial degree of curricular change took place. Within the Mathematics Department, general math and geometry enrollment increased substantially while courses classified as other, computer applications, and algebra enrollments showed marked declines. Within social studies, substantial increases were shown in enrollments in history[14] and economics while enrollment in political science, psychology, and geography declined significantly.

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[9] The magnitude of findings is reported with relevance to the total number of students affected by curricular change (adjusted absolute change).

[10] Tables showing curricular change in course categories and individual courses are presented in Appendix A and B.

[11] The decline in enrollment in accounting and computing is almost completely responsible for the decline in enrollment in Business Education courses.

[12] The decline in enrollment in industrial arts education is mainly responsible for the decline in industrial education.

[13] Internal curricular changes in physical education could not be ascertained from the data.

Due to the instability of the item used to classify schools into SES groupings, results pertaining to differences in curricular change in high SES and low SES schools should be interpreted with caution. With this admonition, a number of differences in curricular change between schools classified into the low SES and high SES categories were observed across departments. Due to the lower level of enrollment in the 1982-83 period, foreign language enrollments showed larger increases in low SES schools than was the case for high SES schools. Social studies showed modest declines in high SES school while increasing in low SES schools. The proportion of offerings and enrollments in mathematics and safety and driver education increased in high SES schools while showing declines in schools classified as low SES. More variation by school SES level was shown within departments. Below is a brief summary of some of these SES differences in intradepartmental curricular change.

- In foreign languages, Spanish enrollments increased substantially more in high SES schools. Enrollments in French declined in high SES school while increasing in low SES schools. Latin enrollments showed greater declines in schools classified as low SES.

- In language arts, reading enrollments showed greater declines in low SES schools than was the case for high SES schools. Most of this difference is due to higher levels of enrollment in reading in low SES schools in 1982-83.

- Substantial variation by school type was exhibited within the Mathematics Department. Low SES schools experienced greater increases in general math[15] and geometry.[16] Calculus enrollments increased in high SES schools while exhibiting declines in low SES schools.

- In science, physical science offerings and enrollments increased substantially more in low SES schools than was the case in high SES schools.

- While high SES schools experienced smaller overall increases in social studies, high SES schools experienced greater increases in economics and smaller declines in psychology and geography than was the case in low SES schools.

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[14] The increase in enrollment in world history is almost completely responsible for the increase in the history category.

[15] Most of this difference is due to greater increases in basic skills enrollments in low SES schools.

[16] Curricular change in geometry was greater in low SES schools because of lower levels of enrollment in geometry in 1982-83.

Interdepartmental Redistribution

As noted in the previous section, the departments that experienced the largest gains in enrollment between 1982-83 and 1986-87 were science, foreign languages, computer education, health, and courses classified as Other. The largest losses in enrollment took place in vocational education, physical education, language arts, and study hall. This section will describe the magnitude of these gains and losses with special reference to the number of students affected by curricular change. In doing this, adjusted absolute change in enrollment will be compared across departments to control for the substantial overall increases in enrollment experienced in Dade County high schools in recent years.

The biggest loser--by far--in enrollment was vocational education. The decline in enrollment in vocational education of 19,000 students accounted for 65 percent of the enrollment increases experienced in other departments.[17] vocational education lost more students than were gained in science and foreign languages combined--departments that experienced the largest enrollment increases between the two time periods.

Physical education was the second biggest loser in enrollment--registering losses of 5,600 students. This is slightly fewer students than were gained in foreign languages and slightly more students than were gained in computer education. Language arts and study hall were the third and fourth biggest losers. Language arts actually gained students in absolute terms but after adjusting for changes in overall enrollment, these gains were translated into a loss of 2,100 students. However, the losses experienced in language arts were not very substantial compared to the losses experienced in vocational education and physical education. The enrollment loss of 960 in study hall was even less substantial--accounting for around 3 percent of the enrollment increases experienced in other departments.

The biggest enrollment winner in Dade County was science--which showed an increase in enrollment of 11,000. This increase accounts for almost 40 percent of the enrollment declines experienced in other departments. Excluding vocational education, science gained more students than were lost in all the other departments combined.

Foreign language--coming in a distant second in growth--gained approximately 6,300 students between 1982-83 and 1986-87. This increase accounts for more than 20 percent of the enrollment declines experienced in the other departments. computer education, health, and courses classified as Other showed the third, fourth, and fifth largest increases in enrollments. Combined, these courses showed increases approximately equivalent to the gains registered in science enrollment. Enrollment in computer education increased considerably by 5,100. This increase is only 700 less than the total number of students enrolled in art classes in 1986-87. Enrollment in health and in courses classified as Other increased by 3,000 and 2,500 students, respectively. Combined, these increases account for the declines registered in physical education--the second biggest loser in enrollment.

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[17] That is, the decline in enrollment accounted for 65 percent of the enrollment increases experienced in those departments which experienced increases.

In sum, the big winners in enrollment growth between 1982-83 and 1986-87 in Dade County were science, foreign languages, and computer Education. The big losers in this redistribution were vocational education and physical education. The combined growth in enrollments in science, foreign languages, and computer education is accounted for by the combined losses in vocational education and physical education.

Graduation and University Entrance Requirements and Curricular Change

As noted previously, information from CPRE's core data base indicates that the main impact of the State of Florida's newly implemented graduation requirements on Dade County was the addition of one science course as a graduation requirement. That finding is supported by this present study. In terms of enrollment affected, science enrollment showed the greatest degree of positive change between 1982-83 and 1986-87. Very roughly, the proportion of students enrolled in science increased from 51 percent to 82 percent[18]--increases that would be expected from a move from a two-credit science requirement to a three-credit requirement.[19]

However, with reference to the State's mandated graduation requirements, science was not the only area to undergo change in Dade County. world history and economics showed substantial increases within a department that remained relatively stable.[20] Using the same procedure as was used above for science, the proportion of students enrolled in these subject areas increased from 3 percent to 19 percent in world history and from 0.5 percent to 6 percent in economics.[21]

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[18] These proportions were derived by dividing the total enrollment in science at a particular time by the total number of students enrolled in the schools in the sample. This assumes that students are not enrolled in more than one science course at a particular time.

[19] Under the assumption that the distribution of students' enrollment at a particular time represents the course taking patterns of future graduates, one might expect 50 percent of students to be enrolled in science at a particular time if 2 credits are needed to graduate. This is because a single graduate will have had to be enrolled in science for 50 percent of his or her time in high school--or 2 years (assuming one is in high school for 4 years). Likewise, if 3 credits are needed to graduate, one would expect 75 percent of students to be enrolled at a particular time. There are problems with this type of logic. Not all students enrolled at a particular time will graduate and not all graduating students limit themselves to taking only those courses needed to graduate.

Health enrollment also showed a high degree of change. In terms of enrollment affected, health showed the fourth largest degree of positive change. This overall increase in health enrollment coincides with the State of Florida's implementation of the one-half credit life management skills graduation requirement. The proportion of students enrolled in health increased from 7 percent to 15 percent between 1982-83 and 1986-87 in Dade County.[22]

With reference to university entrance requirements, the only positive change in Dade County that appears to coincide with the implementation of increased academic requirements for admittance to Florida state universities is the increase in foreign language offerings and enrollments. The increase in foreign languages had the second largest positive affect--after science--in terms of students affected. The proportion of students enrolled in foreign languages increased from 22 percent to 39 percent between 1982-83 and 1986-87.

Growth and Reshuffling in Math and Science

Asserting that the American Educational system was threatened by "a rising tide of mediocrity", the National Commission on Excellence in Education recommended that students devote more time to learning the "New Basics". Citing (among other things) steady declines in science achievement scores since 1969 and declines in mathematics scores since 1963, the Commission recommended that all students should be required to take three years of science and three years of mathematics in order to graduate (National Commission on Excellence in Education, 1983). A series of reports followed--many advocating increased math and science requirements (see Northeast Regional Exchange, 1985). Throughout much of the nation, policymakers responded by increasing graduation requirements in these subject areas.[23] Since 1983, 35 states have implemented higher science requirements while 38 states implemented higher requirements in mathematics (Clune, 1989). Preliminary data collected nationally indicates that since 1982, students have taken more math and science courses (Westat, 1988).

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[20] The State of Florida required graduating seniors to complete 1 credit in world history and 1/2 a credit in economics beginning with the 1986-87 school year.

[21] This 6 percent figure for Economics seems a bit low. With 1/2 a credit required for graduation, one would expect 12.5 percent to be enrolled in economics at a particular time.

[22] Again, these proportions were derived using the same method as was used above.

[23] Many states, however, were in the process of implementing more rigorous graduation requirements before publication of the Nation at Risk study.

In Dade County, overall enrollment in the Math Department showed little change between 1982-83 and 1986-87,[24] while enrollment in the Science Department increased dramatically. Within both of these departments, however, a high degree of curricular change took place.

Most of the change in the Math Department involved the redistribution of students toward the less academically oriented mathematics courses. General mathematics and geometry[25] experienced the greatest enrollment gains within mathematics while courses classified as Other, computer applications, and algebra experienced the greatest losses (see Table B-4-B in Appendix B). Most of the enrollment losses within mathematics are accounted for by large increases in basic skills, informal geometry, and general math 1 courses. Specifically, the addition of 5,718 students in these three courses accounts for 75 percent of all the declines experienced in other mathematics courses. The increase of 2,400 students in basic skills alone accounts for nearly one-third of the declines experienced in other math courses.

A cursory examination of the content of these big winners in math shows the remedial nature of these courses. Basic skills was used to prepare students for the mathematics sections of the State Student Assessment Tests (SSAT) (Dade County Public Schools, 1986b). Passing of the SSAT's was required for graduation. informal geometry--the only course to experience growth within geometry--emphasized the use of basic geometric skills to solve real-world problems. No formal proofs were required (Ibid). Dade County public school curriculum bulletins indicate that this course was specifically recommended for students needing reinforcement in algebra skills. General mathematics 1 was used to strengthen basic computational skills (Ibid).

Thus, we can see that the overall trend within mathematics was toward remedial courses. This trend may have resulted from a changing student body composition in Dade County as well as from the imposition of the SSAT as a graduation requirement.

Overall enrollment in science increased dramatically in Dade County between 1982-83 and 1986-87. Within science, physical science, ecology, chemistry 1, and marine biology courses experienced the highest degree of positive change. The addition of 10,000 students in these courses accounts for 75 percent of all the increases in science courses. The increase of 5,800 students in physical science alone accounted for 40 percent of the increases in other science courses. The only science courses to experience significant losses were general science and other general science.

Thus, unlike the case within the Mathematics Department, there is no reason to conclude that students were redistributed toward the less academically oriented science courses in Dade County. Nor, however, is there much evidence supporting the supposition that students were redistributed toward the more academically oriented science courses. The largest component of growth in science took place in a course entitled "Fundamentals of Physical Science."[26] This course is introductory--providing students with a "qualitative investigative study of the introductory concepts of Physics and Chemistry" (Dade County Public Schools, 1986b). An examination of the distribution of students in science in 1982-83 and 1986-87 seems to indicate a redistribution of students away from general science, other science, and biological science and towards the physical, earth and space sciences. Without further information on course content, it is difficult to ascertain the meaning of this intradepartmental redistribution in terms of academic exposure.

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[24] However, the removal of computer education courses from the Math Department may have obscured real overall increases in mathematics.

[25] Increases in informal geometry accounted for the overall increases in geometry.

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[26] This course was classified within the physical science category in Table A1-6-B in Appendix B.

COMPARISONS WITH PACE AND WESTAT

In order to provide a broader context for interpreting the results of this study, it may be useful to examine the findings from two other recent analyses: a PACE study of curricular change in California (Grossman et al., 1985; Guthrie et al., 1988); and the Nation at Risk Update Study (Westat, 1988). Comparisons between the CPRE and PACE findings are relatively straightforward, since both studies utilized aggregated (school-level) data and similar variables (i.e., similar categories or courses offerings, definitions of SES, and measures of change). It is more difficult to compare CPRE findings with those from the Westat study because that study is based on data collected from individual transcripts (collected from high school graduates), and because it aggregates information from several states. However, the Westat study provides an excellent overview of national trends between 1982-83 and 1986-87 and can be used as a rough gauge by which to measure the magnitude and direction of change in Dade County against changes in the nation as a whole.

The PACE analysis used here examines curricular changes between 1981-82 and 1986-87, corresponding to various changes in state graduation requirements and entrance requirements at the University of California and California State University (Guthrie et al., 1988). The findings indicate a definite trend in California: in general, enrollment increased in academic courses--courses in traditional core subjects--and decreased in remedial and elective courses (ie. courses not required for graduation or for entrance to state universities). The same trend is apparent in Dade County, despite some differences in specific subject areas. Below is a brief summary of the PACE and CPRE findings.

- Science enrollments showed large increases in both Dade County and California.
- Math enrollments remained relatively stable in both places.[27]
- Drama enrollments began with a very small base, but showed large increases in both Dade County and California.
- Foreign languages showed significant increases in both places.
- Language arts decreased slightly in both places.
- Social studies remained relatively stable in Dade County and decreased slightly in California.

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[27] In the PACE study, computer education courses were included in mathematics, whereas the CPRE data provide separate analysis of mthematics and computer Education. Since computer education courses increased in both, the overall similarity of the patterns of curricular change in math may be somewhat illusory, and obscure real differences between Dade County and California.

- Art enrollments showed a small increase in Dade County and a moderate decrease in California.
- Enrollment in vocation education decreased substantially in both places--although it evidenced an upswing in the last year of the California study.
- Music enrollments exhibited the largest decrease of all subject areas in California, but remained relatively stable in Dade County.[28]

There is further evidence of a shift towards more academic courses in the changes within different departments. Unfortunately, it is difficult to compare PACE and CPRE data in most of these areas directly because of differences in coding categories. However, some similarities are readily apparent. For example, within social studies there were large increases in economics enrollments for both Dade County and California, while there were large decreases in anthropology, geography, sociology, and psychology. Similarly, within science, both Dade County and California experienced increases in enrollments in the physical and Earth Sciences and decreases in general sciences.

The Westat study examines aggregated transcript data from 1982 and 1987 from a nationally representative sample of high school graduates. Data are presented in terms of the mean number of credits taken in each subject area by selected subgroups (e.g., by academic versus non-academic track students; by race; by geographical region; etc.).

For the sample as a whole, the mean number of credits increased the most in mathematics, science, foreign languages, computer science, and English, respectively. Non-occupational vocational education showed the largest decrease. In essence, the Westat data agree with the CPRE data in terms of general trends, with the exception of two subject areas: mathematics, which increased substantially in the national sample but remained relatively stable in Dade County, and English, which showed a large increase nationally but decreased slightly in Dade County. These would appear to be important differences, since they occur in core areas. The source of these differences is difficult to trace, in part, due to differences in data collection and analysis used in the two studies. A cursory examination of the Westat tabulations does indicate that regional differences do not account for the disparity. Differences in course-taking patterns by race also do not account for the trends in mathematics and English, nor does the fact that the Dade County sample--unlike the national sample--was composed entirely of public schools. All other possible sources of variation cannot be discounted, since there is no way to systematically compare CPRE and Westat data with respect to intradepartmental changes (which could account for differences in mathematics and English), changes in graduation requirements, changes in university entrance requirements, etc.

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[28] In addition, CPRE data found relatively large decreases in enrollments in physical education, study hall, alternative education, and library media, and a large increase in ROTC enrollment; data for those subject areas were not available from the PACE study.

In sum, comparisons with the CPRE findings with those of the PACE and Westat studies, despite some problems with comparability, suggest that the trends in curricular changes in Dade County are not unique. Striking parallels exist between the changes in Dade County and those in California, especially with respect to core academic areas. Similarities and differences in national trends are more difficult to gauge, but it appears that some of the changes do correspond to changes in Dade County and California while others do not.

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APPENDIX: A

DETAILED ANALYSIS OF INTERDEPARTMENTAL AND INTRADEPARTMENTAL CURRICULAR CHANGE

INTERDEPARTMENTAL CURRICULAR CHANGE

The following is a detailed analysis of interdepartmental curricular change.

(Tables 2-A and 2-B)

Tables 2-A and 2-B present course-offering and course-taking data within various departments for Dade County between 1982-83 and 1986-87. Overall, we see that departmental offerings and enrollments increased 32 and 25 percent respectively. Focusing on the percentage change in the proportions of offerings, a perusal of Table 2-A reveals that the largest increases in proportions occurred respectively in Computer Education (4067%), ROTC (828%), Health (68%), and Foreign Languages (54%). Departments with the largest percentage decreases in proportions of offerings include Study Hall (-99%), Library Media (-54%), Vocational Education (-34%), and Physical Education (-21%). Table 2-B--pertaining to course enrollments--shows similar trends except that Vocational Education moved up to second place in terms of the percentage decline in the proportion of enrollment between 1982-83 and 1986-87.

In terms of adjusted absolute change in offerings, largest increases occurred in Science, Alternative Education, Foreign Languages, and Computer Education, respectively. The largest declines occurred in Vocational Education, Study Hall, Physical Education, and Language Arts. Focusing on enrollments, the largest increases in adjusted absolute change occurred in Science, Foreign Languages, Computer Education, and Health, respectively, while the largest declines were shown in Vocational Education, Physical Education, Language Arts, and Study Hall.

(Tables 3-A, 3-B, 4-A and 4-B)

Tables 3-A, 3-B, 4-A, and 4-B present course-offering and course-taking data across departments for high SES and low SES schools. Overall, course offerings and enrollments increased more in low SES schools. Offerings and enrollments increased approximately 44 and 31 percent in low SES schools compared to increases of 22 and 20 percent in high SES schools.

Focusing on differences in percentage changes in departmental proportions by school type, low SES schools showed larger increases in Foreign Language offerings and enrollments (75% and 91% to 47% and 59%) and smaller increases in offerings and enrollments in Health (30% and 76% to 115% and 136%) and Drama (7% and 16% to 48% and 27%). The proportions of offerings and enrollments in Social Studies decreased in high SES schools (-10% and -9%) while exhibiting increases in low SES schools (3% and 10%). The same is true for offerings and enrollments in Library Media, which showed declines of 73 percent and 53 percent in high SES schools while exhibiting increases of 2 percent and 41 percent in low SES schools. Conversely, high SES schools experienced increases in offerings and enrollments in Mathematics (3% and 4%) and in Safety & Driver Education (13% and 30%) while offerings and enrollments declined in these departments in low SES schools. The proportion of offerings and enrollments in Mathematics declined by 10 percent and 3 percent in low SES schools. In Safety & Driver Education, offerings and enrollments declined 26 percent and 23 percent in low SES schools.

TABLE 2-A

DEPARTMENTAL OFFERINGS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

DEPARTMENT	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
VOCATIONAL	1638	1421	-13	-217	20	13	-34	-741
STUDY HALL	257	3	-99	-254	3	0	-99	-336
SCIENCE	649	1178	82	529	8	11	38	321
ALTERNATIVE ED.	652	1109	70	457	8	10	29	248
FOREIGN LANG.	332	675	103	343	4	6	54	237
COMPUTER ED.	4	220	5400	216	0	2	4067	215
OTHER	0	200	*	200	0	2	*	200
PHYSICAL ED.	523	542	4	19	6	5	-21	-148
MUSIC	170	320	88	150	2	3	43	96
HEALTH	72	160	122	88	1	2	68	65
SOCIAL STUDIES	833	1038	25	205	10	10	-6	-62
LANGUAGE ARTS	1492	1909	28	417	18	18	-3	-60
LIBRARY MEDIA	63	38	-40	-25	1	0	-54	-45
ROTC	4	49	1125	45	0	0	828	44
MATHEMATICS	1005	1284	28	279	12	12	-3	-43
DRAMA	56	94	68	38	1	1	27	20
SAFETY-DR ED	127	152	20	25	2	1	-9	-16
ART	199	267	34	68	2	3	2	4
HUMANITIES	0	1	*	1	0	0	*	1
TOTAL	8076	10660	32	2584	98	99	1	0

TABLE 3-A
DEPARTMENTAL OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

DEPARTMENT	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
VOCATIONAL	890	723	-19	-167	20	13	-34	-366
STUDY HALL	245	1	-100	-244	6	0	-100	-299
SCIENCE	371	596	61	225	8	11	31	142
FOREIGN LANG.	225	406	80	181	5	7	47	131
COMPUTER ED.	0	123	*	123	0	2	*	123
ALTERNATIVE ED.	286	469	64	183	6	9	34	119
OTHER	0	95	*	95	0	2	*	95
MUSIC	88	182	107	94	2	3	69	74
PHYSICAL ED.	288	284	-1	-4	6	5	-19	-68
SOCIAL STUDIES	496	548	10	52	11	10	-10	-59
HEALTH	33	87	164	54	1	2	115	47
LIBRARY MEDIA	48	16	-67	-32	1	0	-73	-43
ROTC	0	32	*	32	0	1	*	32
LANGUAGE ARTS	780	981	26	201	18	18	3	27
MATHEMATICS	504	636	26	132	11	12	3	19
DRAMA	28	51	82	23	1	1	49	17
SAFETY-DR ED	52	72	38	20	1	1	13	8
ART	111	137	23	26	2	3	1	1
HUMANITIES	0	0	*	0	0	0	*	0
TOTAL	4445	5439	22	994	99	100	1	0

TABLE 2-B

DEPARTMENTAL ENROLLMENTS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

DEPARTMENT	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
VOCATIONAL	38016	28427	-25	-9589	20	12	-40	-19193
SCIENCE	16830	32125	91	15295	9	14	52	11043
FOREIGN LANG.	7281	15376	111	8095	4	6	69	6256
PHYSICAL ED.	19693	19049	-3	-644	10	8	-23	-5619
COMPUTER ED.	78	5180	6541	5102	0	2	5202	5082
HEALTH	2282	5869	157	3587	1	2	105	3011
OTHER	0	2448	•	2448	0	1	•	2448
LANGUAGE ARTS	35167	41900	19	6733	19	18	-5	-2151
STUDY HALL	802	44	-95	-758	0	0	-96	-961
ALTERNATIVE ED.	4286	4470	4	184	2	2	-17	-899
ROTC	105	617	488	512	0	0	369	485
ART	4368	5864	34	1496	2	2	7	393
DRAMA	1212	1842	52	630	1	1	21	324
SOCIAL STUDIES	23342	28939	24	5597	12	12	-1	-300
MATHEMATICS	27589	34825	26	7236	15	15	1	266
LIBRARY MEDIA	392	327	-17	-65	0	0	-33	-164
SAFETY-DR ED	3537	4362	23	825	2	2	-2	-69
HUMANITIES	0	57	•	57	0	0	•	57
MUSIC	4733	5919	25	1186	2	2	0	-10
TOTAL	189713	237640	25	47927	99	99	0	-1

TABLE 3-B

DEPARTMENTAL ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

DEPARTMENT	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
VOCATIONAL	20421	13979	-32	-6442	20	11	-43	-10511
SCIENCE	8995	16353	82	7358	9	13	52	5566
FOREIGN LANG.	4807	9184	91	4377	5	8	59	3419
COMPUTER ED.	0	2943	*	2943	0	2	*	2943
PHYSICAL ED.	10183	9662	-5	-521	10	8	-21	-2550
HEALTH	1134	3215	184	2081	1	3	136	1855
SOCIAL STUDIES	13676	14986	10	1310	13	12	-9	-1415
LANGUAGE ARTS	18643	21367	15	2724	18	18	-4	-991
OTHER	0	787	*	787	0	1	*	787
MATHEMATICS	14145	17649	25	3504	14	15	4	685
STUDY HALL	523	40	-92	-483	1	0	-94	-587
SAFETY-DR ED	1450	2253	55	803	1	2	30	514
ALTERNATIVE ED.	1848	1836	-1	-12	2	2	-17	-380
ART	2378	3218	35	840	2	3	13	366
ROTC	0	259	*	259	0	0	*	259
DRAMA	621	944	52	323	1	1	27	199
LIBRARY MEDIA	308	172	-44	-136	0	0	-53	-197
MUSIC	2327	2830	22	503	2	2	1	39
HUMANITIES	0	0	*	0	0	0	*	0
TOTAL	101459	121677	20	20218	99	101	2	1

TABLE 4-A

DEPARTMENTAL OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

DEPARTMENT	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
VOCATIONAL	748	698	-7	-50	21	13	-35	-380
SCIENCE	278	582	109	304	8	11	45	181
FOREIGN LANG.	107	269	151	162	3	5	75	115
ALTERNATIVE ED.	366	640	75	274	10	12	21	113
OTHER	0	105	*	105	0	2	*	105
LANGUAGE ARTS	712	928	30	216	20	18	-10	-98
COMPUTER ED.	4	97	2325	93	0	2	1583	91
PHYSICAL ED.	235	258	10	23	6	5	-24	-81
MATHEMATICS	501	648	29	147	14	12	-10	-74
SAFETY-DR ED	75	80	7	5	2	2	-26	-28
MUSIC	82	138	68	56	2	3	17	20
HEALTH	39	73	87	34	1	1	30	17
SOCIAL STUDIES	337	500	48	163	9	10	3	15
STUDY HALL	12	2	-83	-10	0	0	-88	-15
ROTC	4	17	325	13	0	0	195	11
ART	88	130	48	42	2	2	3	3
DRAMA	28	43	54	15	1	1	7	3
HUMANITIES	0	1	*	1	0	0	*	1
LIBRARY MEDIA	15	22	47	7	0	0	2	0
TOTAL	3631	5231	44	1600	99	99	0	-1

TABLE 4-B

DEPARTMENTAL ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

DEPARTMENT	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
VOCATIONAL	17595	14418	-18	-3177	20	12	-38	-8689
SCIENCE	7835	15772	101	7937	9	14	53	5482
PHYSICAL ED.	9510	9387	-1	-123	11	8	-25	-3102
FOREIGN LANG.	2474	6192	150	3718	3	5	91	2943
COMPUTER ED.	78	2237	2768	2159	0	2	2084	2135
OTHER	0	1661	*	1661	0	1	*	1661
SOCIAL STUDIES	9666	13923	44	4257	11	12	10	1229
LANGUAGE ARTS	16524	20533	24	4009	19	18	-5	-1168
HEALTH	1148	2654	131	1506	1	2	76	1146
SAFETY-DR ED	2087	2109	1	22	2	2	-23	-632
ALTERNATIVE ED.	2438	2634	8	196	3	2	-18	-568
MATHEMATICS	13444	17176	28	3732	15	15	-3	-480
STUDY HALL	279	4	-99	-275	0	0	-99	-362
ROTC	105	358	241	253	0	0	160	220
DRAMA	591	898	52	307	1	1	16	122
MUSIC	2406	3089	28	683	3	3	-2	-71
HUMANITIES	0	57	*	57	0	0	*	57
LIBRARY MEDIA	84	155	85	71	0	0	41	45
ART	1990	2646	33	656	2	2	1	33
TOTAL	88254	115903	31	27649	100	99	-1	1

INTRADEPARTMENTAL CHANGE

The following is a detailed analysis of curricular change within various departments.

Art

(Tables A1-1-A and A1-1-B)

Overall, Art offerings and enrollments increased approximately 34 percent. Largest percentage increases in proportions of course offerings took place in Commercial Art (298%), Graphic Design (74%), and General & Comprehensive Art (47%). Fashion & Textile Design, Jewelry, and Other offerings were eliminated between 1982-83 and 1986-87. Art Appreciation offerings declined 79 percent while Ceramics offerings declined 44 percent. Roughly similar trends took place in changes in enrollment proportions between the two time periods.

In terms of adjusted absolute changes in offerings, largest increases occurred in General & Comprehensive Art, Commercial Art, and Drawing & Painting. Largest decreases occurred in Other, Ceramics, and Fashion & Textile Design. Table A1-1-A, which focuses on enrollments, shows that the largest increases in adjusted absolute changes took place in General and Comprehensive Art, Graphic Design, and Commercial Art while largest declines were shown in Ceramics, Other, and Fashion & Textile Design.

(Tables A1-1-C through A1-1-F)

Tables A1-1-C, A1-1-D, A1-1-E, and A1-1-F show course-taking data within the Art Department for high SES and low SES schools. Course offerings in Art increased more in low SES schools (48% to 23%) while overall enrollments in Art increased slightly more in high SES schools (35% to 33%). Due to the higher level of enrollment in Art in high SES schools, changes in overall Art enrollment between 1982-83 and 1986-87 had an impact on more students than was the case for low SES schools.

There is some variation in percentage changes in course proportions within Art by school SES level. Specifically, General & Comprehensive Art offerings and enrollments increased more in high SES schools than was the case for low SES schools (56% and 49 % to 35% and 37%). In Graphics Design, high SES schools showed increases in proportions of offerings and enrollments of 548 and 1682 percent compared to declines of 19 and 11 percent in low SES schools. Fashion & Textile Design courses were eliminated between 1982-83 and 1986-87 in high SES schools.

Foreign Languages

(Table A1-2-A and A1-2-B)

Overall, Foreign Language offerings and enrollments increased 103 percent and 111 percent between 1982-83 and 1986-87. Largest percentage increases in proportions of offerings occurred in Italian (34%), Spanish (12%), and Hebrew (11%)[29]. Courses in Arabic and courses classified as Other were eliminated. Largest declines in proportions of offerings were shown in Latin (-44%), German (-39%), and French (-7%). Table A1-2-B, which shows curricular trends pertaining to enrollments, shows similar trends[30] except that the declines in proportions tend to be magnified.

Looking at adjusted absolute changes in offerings, the largest increase--by far--is shown in Spanish, followed by French and Italian. Largest decreases occurred in Other, Latin, and German. Table A1-2-B shows the same ranking in terms of adjusted absolute increases in enrollments. In terms of adjusted absolute decreases in enrollments, however, there are some differences--with the largest declines in adjusted enrollments occurring in Latin, German, and Other, respectively.

(Tables A1-2-C, A1-2-D, A1-2-E, and A1-2-F)

Tables A1-2-C through A1-2-F present Foreign Language offering and enrollment data for high SES and low SES schools. Due to the lower levels of offerings and enrollments in the Foreign Language Department in 1982-83, Foreign Language increases were larger in low SES schools--with offerings and enrollments increasing 151 and 150 percent in low SES schools compared to increases of 80 and 91 percent in high SES schools.

Turning to differences in percentage changes in course proportions by school SES level, Tables A1-2-C through A1-2-F show a number of important differences. Offerings and enrollments in Spanish showed a greater degree of positive change in high SES schools (17% and 22% to 2% and -1%). Offerings and enrollments in French declined in high SES schools (-16 and -24%) while increasing in low SES schools (10% and 11%). Latin offerings and enrollments declined more in low SES schools (-70% and -89% to -29% and -69%). Italian offerings and enrollments showed mixed results, with the proportion of offerings increasing more in high SES schools (46% to 14%) and the proportion of enrollments increasing more in low SES schools (17% to 5%).

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[29] However, the proportion of enrollments in Hebrew fell 30 percent between 1982-83 and 1986-87.

[30] With the exception of Hebrew.

Language Arts

(Tables A1-3-A and A1-3-B)

Language Art offerings and enrollments increased 28 percent and 19 percent overall between 1982-83 and 1986-87. Focusing on percentage changes in proportions of offerings, we see that the largest increases occurred in Media (60%), Basic Skills (44%), and English (9%). Courses classified as Other were eliminated. The largest declines in proportions of offerings took place in Reading (-80%), Writing (-43%), and Oral Communication (-42%).

With respect to percentage changes in proportions of enrollment, we see that English was the only category to experience a meaningful increase (17%), while Reading (-75%), Oral Communication (-70%), and Writing (-43%) experienced the largest declines in proportions of enrollments.

In terms of adjusted absolute changes in offerings, largest increases occurred in English, Basic Skills, and Media while the largest declines showed up in Reading, Other, and Oral Communication. In terms of adjusted absolute changes in enrollment, largest increases occurred in English, Language & Logic, and Literature. As in the case of offerings, largest declines showed up in Reading, Other, and Oral Communication.

(Tables A1-3-C, A1-3-D, A1-3-E, and A1-3-F)

Tables A1-3-C through A1-3-F show Language Arts offering and enrollment data for high SES and low SES schools. Offerings and enrollments increased slightly more in low SES schools, showing overall increases of 30 percent and 24 percent compared to increases of 26 and 15 percent in high SES schools.

Turning to differences in percentage changes in course proportions by school SES level, the tables show that low SES schools experienced greater declines in Reading (-85% and -81% to -73% and -64%), Oral Communications (-50% and -77% to -32% and -57%), and Writing (-74% and -80% to -5% and 7%). Low SES schools experienced greater increases in Media (145% and 31% to 11% and -37%) than was the case in high SES schools. Interestingly, English show mixed results, as the proportion of offerings in English increased 7% in high SES schools while declining 8 percent in low SES schools and the proportion of enrollments increased 11 percent in high SES schools compared to a 23 percent increase in low SES schools. Mixed results were also exhibited in Basic Skills and ESL.

Mathematics

(Tables A-1-4-A and A-1-4-B)

Overall, Mathematics offerings and enrollments increased approximately 28 percent and 26 percent[31]. Largest percentage increases in proportions of offerings took place in General Mathematics (71%), Trigonometry (60%), and Geometry (25%). Math Analysis and Computer Applications courses were eliminated in the Mathematics Department between 1982-83 and 1986-87. Largest percentage declines in proportions occurred in courses classified as Other (-68%) and Algebra (-12%). Roughly similar trends took place in changes in enrollment proportions between the two time periods.

Largest increases in adjusted absolute changes in offerings and enrollments occurred in General Mathematics, Geometry, and Trigonometry while largest decreases took place in Other, Algebra, and Computer Applications.

(Tables A1-4-C, A1-4-D, A1-4-E, and A1-4-F)

Tables A1-4-C through A1-4-F show course-taking data within the Mathematics Department for high SES and low SES schools. Course offerings and enrollments increased slightly more in low SES schools--with increases of 29 and 28 percent in offerings and enrollments compared to increases of 26 and 25 percent in high SES schools.

Within Mathematics, there is substantial variation in curricular change by school type. Low SES schools experienced greater increases in proportions of offerings and enrollments in General Mathematics (88% and 47% to 53% and 37%), Geometry (37% and 54% to 18% and 29%), and Trigonometry (145% and 131% to 32% and 63%). Low SES schools experienced more significant declines in courses classified as Other (-80% and -77% to -38% and -45%). Schools in the high SES category experienced greater declines in Algebra offerings and enrollments (-17% and -13% to -6% and -3%). In Calculus, high SES schools registered 19 and 33 percent increases in the proportion of offerings and enrollments while low SES schools showed declines of 1 and 27 percent.

Music

(Tables A1-5-A and A1-5-B)

Overall, Music offerings and enrollments increased 88 percent and 25 percent, respectively, between 1982-83 and 1986-87. Thus, it seems that average class size has declined markedly over this time period in the Music Department. Increases in proportions of offerings and enrollments were registered in Instrumental Music (3% and 7%) and General Music (4% and 10%). The proportion of offerings in Vocal Music increased by 20 percent while enrollment proportions declined by 1 percent. Declines took place in the proportion of offerings and enrollments in Advanced Music (-70% and -65%) and in courses classified as Other (-91% and -90%).

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[31] Mathematics offerings and enrollments would have increased substantially more if computer education courses had been included in the Mathematics Department.

(Tables A1-5-C, A1-5-D, A1-5-E, and A1-5-F)

Tables A1-5-C through A1-5-F show course-offering and course-taking data within the Music Department for high SES and low SES schools. Overall, Music offerings increased 107 percent and 22 percent in high SES schools and 68 percent and 28 percent in low SES schools.

Within Music, a greater degree of positive change was exhibited in low SES schools in Instrumental Music (6% and 15% to 2% and -2%) and Vocal Music (74% and 26% to -7% and -17%). The proportion of offerings and enrollments in General Music increased 34 and 43 percent in high SES schools while decreasing 19 and 14 percent in low SES schools.

Science

(Tables A1-6-A and A1-6-B)

Science offerings and enrollment increased approximately 82 percent and 91 percent overall. Increases in proportions of offerings and enrollments took place in Earth & Space Science (297% and 301%) and in Physical Science (76% and 79%). Courses classified as Other were eliminated during the two time periods. Decreases in proportions of offerings and enrollments took place in General Science (-85% and -82%) and in Biological Science (-2% and -10%). The increase in Physical Science offerings and enrollments is mainly responsible for the overall increase in Science. (If Physical Science offerings had remained stable between 1982-83 and 1986-87, Science offerings would have increased 34 percent as opposed to the observed overall increase of 82 percent.)

In terms of adjusted absolute changes in offerings and enrollments, largest increases occurred in Physical Science, Biological Science and in Earth & Space Science while largest declines took place in General Science and in Other Science.

(Tables A1-6-C, A1-6-D, A1-6-E, and A1-6-F)

Tables A1-6-C through A1-6-F show course-offering and enrollment data by school SES level. Course offerings and enrollments in Science increased more in low SES than in high SES schools, with increases of 109 percent and 101 percent in low SES schools compared to increases of 61 percent and 82 percent overall in high SES schools.

Focusing on differences in percentage changes in course proportions by school SES level, Tables A1-6-C through A1-6-F show that low SES schools experienced greater increases in the proportion of offerings and enrollments in Physical Science (146% and 152% to 29% and 27%) and Earth-Space Science (712%

and 766% to 196% and 190%). Mixed results were shown in Biology, as the proportion of offerings showed a greater level of positive change in high SES schools (2% to -2%) and the proportion of enrollments exhibited a greater degree of negative change (-12% to -4%).

Social Studies

(Tables A1-7-A and A1-7-B)

Overall, Social Studies offerings and enrollments increased 25 percent and 24 percent between 1982-83 and 1986-87. Largest percentage increases in proportions of courses offerings took place in Economics (408%) and History (24%). Courses classified as Other were eliminated between the two time periods. Largest percentage declines in proportions of course offerings took place in Geography (-83%), Anthropology (-78%), Interdisciplinary Social Studies (-60%) and Sociology (-49%).

Regarding adjusted absolute changes in offerings, the largest increases were shown in History and Economics. Largest decreases occurred in Political Science, Psychology, and Other Social Sciences. Table A1-7-B shows largest declines in adjusted absolute change in enrollments occurring in Political Science, Psychology, and Geography.

(Tables A1-7-C, A1-7-D, A1-7-E, and A1-7-F)

Tables A1-7-C through A1-7-F depict Social Studies offerings and enrollments in high SES and low SES schools. Course offerings and enrollments increased more in low SES schools, which experienced overall increases of 48 percent and 44 percent compared to increases of 10 percent in offerings and enrollments in high SES schools.

With respect to differences in percentage changes in course proportions by school SES level, the tables indicated that high SES schools experienced greater increases in Economics offerings and enrollments (878% and 1009% to 176% and 204%) and smaller declines in Psychology (-30% and -26% to -55% and -64%) and Geography (-48% and -54% to -96% and -97%). The proportion of enrollments in History increased 28 percent in low SES schools compared to 13 percent in high SES schools.

Vocational Education

(Tables A1-8-A and A1-8-B)

Overall, Vocational offerings and enrollments declined 13 percent and 25 percent between 1982-83 and 1986-87. Largest percentage increases in proportions of offerings took place in Marketing Education (55%), Agribusiness & Natural Resource Education (54%), and Home Economics Education (12%). Courses categorized as Vocational Education for Special Needs were eliminated by 1986-86. Largest percentage decreases in proportions of offerings took place in Diversified

Occupations (-32%), Health Occupations (-22%), and Public Service Occupations (-8%). In terms of enrollments, largest percentage increases in proportions took place in Public Service Occupations (82%), Marketing Education (34%), and Home Economics Education (31%). Largest percentage declines in enrollment proportions were shown in Health Occupations (-29%), Diversified Occupations (-29%), and Business Education (-2%).

In terms of adjusted absolute changes in offerings, largest increases occurred in Marketing Education and Agribusiness & Natural Resource Education. Largest decreases took place in Business Education, Diversified Occupations, and Industrial Education. Similar trends were shown for adjusted absolute changes in enrollments except that Public Service Occupations showed the only increase.

(Tables A1-8-C, A1-8-D, A1-8-E, and A1-8-F)

Tables A1-8-C through A1-8-F show Vocational offering and enrollment data by school type. Overall, Vocational offerings and enrollments decreased more in high SES schools--which experienced declines of 19 percent and 32 percent compared to declines of 7 percent and 18 percent in low SES schools.

Focusing on percentage changes in course proportions by school SES level, Tables A1-8-C through A1-8-F show that the proportion of offerings and enrollments in Agribusiness & Natural Resource Education increased by 79 percent and 46 percent in high SES schools while these courses were eliminated in low SES schools. Low SES schools showed greater levels of positive change in Business Education offerings and enrollments (9% and 5% to 1% and -6%) and Industrial Arts enrollments (13% to 3%). High SES schools exhibited larger declines in the proportion of offerings and enrollments in Health Occupations (-65% and -58% to 0% and -21%) and greater increases in Home Economics Education (31% and 59% to -3% and 9%).

TABLE A1-1-A
ART OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP	65	128	97	63	33	48	47	42
OTHER	20	0	-100	-20	10	0	-100	-26
CERAMICS	37	28	-24	-9	19	10	-44	-21
COMMERC. ART	3	16	433	13	2	6	298	12
DRAW. & PAINT	47	70	49	23	24	26	11	8
FASHION & TEXT	6	0	-100	-6	3	0	-100	-8
ART APPRECIATION	7	2	-71	-5	4	1	-79	-7
GRAPHIC DESIGN	6	14	133	8	3	5	74	6
JEWELRY	2	0	-100	-2	1	0	-100	-3
CONST.-SCULPTURE	0	1	*	1	0	0	*	1
PHOTO. DESIGN	6	8	33	2	3	3	-1	0
TOTAL	199	267	34	68	102	99	-3	4

TABLE A1-1-B
ART ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP	1734	3312	91	1578	40	56	42	1140
CERAMICS	843	530	-37	-313	19	9	-53	-526
OTHER	175	0	-100	-175	4	0	-100	-219
GRAPHIC DESIGN	68	287	322	219	2	5	214	202
FASHION & TEXT	119	0	-100	-119	3	0	-100	-149
JEWELRY	30	0	-100	-30	1	0	-100	-38
DRAW. & PAINT	1168	1434	23	266	27	24	-9	-29
ART APPRECIATION	44	26	-41	-18	1	0	-56	-29
COMMERC. ART	63	104	65	41	1	2	23	25
CONST.-SCULPTURE	0	9	*	9	0	0	*	9
PHOTO. DESIGN	124	162	31	38	3	3	-3	7
TOTAL	4368	5864	34	1496	101	99	-2	393

TABLE A1-1-C
ART OFFERINGS HIGH SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER	18	0	-100	-18	16	0	-100	-22
ART-GENERAL & COMP	28	54	93	26	25	39	56	20
CERAMICS	22	16	-27	-6	20	12	-41	-11
COMMERC. ART	2	11	450	9	2	8	346	9
DRAW. & PAINT	31	45	45	14	28	33	18	7
FASHION & TEXT	6	0	-100	-6	5	0	-100	-7
GRAPHIC DESIGN	1	8	700	7	1	6	548	7
CONST.-SCULPTURE	0	1	*	1	0	1	*	1
JEWELRY	1	0	-100	-1	1	0	-100	-1
PHOTO. DESIGN	1	1	0	0	1	1	-19	0
ART APPRECIATION	1	1	0	0	1	1	-19	0
TOTAL	111	137	23	26	100	101	1	3

TABLE A1-1-D
ART ENROLLMENTS IN HIGH SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP	735	1486	102	751	31	46	49	605
CERAMICS	487	338	-31	-149	20	11	-49	-246
GRAPHIC DESIGN	9	217	2311	208	0	7	1682	206
OTHER	140	0	-100	-140	6	0	-100	-188
FASHION & TEXT	119	0	-100	-119	5	0	-100	-143
COMMERC. ART	29	78	169	49	1	2	99	43
DRAW. & PAINT	848	1057	25	209	36	33	-8	40
ART APPRECIATION	1	18	1700	17	0	1	1230	17
CONST.-SCULPTURE	0	9	*	9	0	0	*	9
PHOTO. DESIGN	7	15	114	8	0	0	58	7
JEWELRY	3	0	-100	-3	0	0	-100	-4
TOTAL	2378	3218	35	840	99	100	1	388

TABLE A1-1-E
ART OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP	37	74	100	37	42	57	35	21
CERAMICS	15	12	-20	-3	17	9	-46	-10
ART APPRECIATION	6	1	-83	-5	7	1	-89	-8
COMMERC. ART	1	5	400	4	1	4	238	4
OTHER	2	0	-100	-2	2	0	-100	-3
DRAW. & PAINT	16	25	56	9	18	19	6	2
GRAPHIC DESIGN	5	6	20	1	6	5	-19	-1
JEWELRY	1	0	-100	-1	1	0	-100	-1
FASHION & TEXT	0	0	*	0	0	0	*	0
PHOTO. DESIGN	5	7	40	2	6	5	-5	0
CONST.-SCULPTURE	0	0	*	0	0	0	*	0
TOTAL	88	130	48	42	100	100	0	4

TABLE A1-1-F
ART ENROLLMENTS IN LOW SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP	999	1826	83	827	50	69	37	514
CERAMICS	356	192	-46	-164	18	7	-59	-276
ART APPRECIATION	43	8	-81	-35	2	0	-86	-48
OTHER	35	0	-100	-35	2	0	-100	-46
DRAW. & PAINT	320	377	18	57	16	14	-11	-43
JEWELRY	27	0	-100	-27	1	0	-100	-36
COMMERC. ART	34	26	-24	-8	2	1	-42	-19
GRAPHIC DESIGN	59	70	19	11	3	3	-11	-7
PHOTO. DESIGN	117	147	26	30	6	6	-6	-7
FASHION & TEXT	0	0	*	0	0	0	*	0
CONST.-SCULPTURE	0	0	*	0	0	0	*	0
TOTAL	1990	2646	33	656	100	100	0	33

TABLE A1-2-A

FOREIGN LANGUAGE OFFERINGS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH	169	384	127	215	51	57	12	161
FRENCH	94	178	89	84	28	26	-7	64
ITALIAN	18	49	172	31	5	7	34	25
HEBREW	4	9	125	5	1	1	11	4
OTHER	3	0	-100	-3	1	0	-100	-4
RUSSIAN	0	3	*	3	0	0	*	3
LATIN	15	17	13	2	5	3	-44	-3
GERMAN	28	35	25	7	8	5	-39	-2
ARABIC	1	0	-100	-1	0	0	-100	-1
TOTAL	332	675	103	343	99	99	0	237

TABLE A1-2-B

FOREIGN LANGUAGE ENROLLMENTS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH	4163	9935	139	5772	57	65	13	4720
FRENCH	2110	3876	84	1766	29	25	-13	1233
ITALIAN	401	928	131	527	6	6	10	426
LATIN	213	112	-47	-101	3	1	-75	-155
RUSSIAN	0	81	*	81	0	1	*	81
GERMAN	324	379	17	55	4	2	-45	-27
OTHER	20	0	-100	-20	0	0	-100	-25
HEBREW	44	65	48	21	1	0	-30	10
ARABIC	6	0	-100	-6	0	0	-100	-8
TOTAL	7281	15376	111	8095	100	100	0	6255

TABLE A1-2-C
FOREIGN LANGUAGE OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH	109	230	111	121	48	57	17	97
FRENCH	65	98	51	33	29	24	-16	18
ITALIAN	11	29	164	18	5	7	46	16
HEBREW	0	5	*	5	0	1	*	5
OTHER	3	0	-100	-3	1	0	-100	-4
ARABIC	1	0	-100	-1	0	0	-100	-1
GERMAN	25	30	20	5	11	7	-33	-1
LATIN	11	14	27	3	5	3	-29	1
RUSSIAN	0	0	*	0	0	0	*	0
TOTAL	225	406	80	181	99	99	0	131

TABLE A1-2-D
FOREIGN LANGUAGE ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH	2592	6061	134	3469	54	66	22	2952
FRENCH	1487	2151	45	664	31	23	-24	368
ITALIAN	269	540	101	271	6	6	5	217
LATIN	164	98	-40	-66	3	1	-60	-99
GERMAN	281	311	11	30	6	3	-42	-26
HEBREW	0	23	*	23	0	0	*	23
OTHER	8	0	-100	-8	0	0	-100	-10
ARABIC	6	0	-100	-6	0	0	-100	-7
RUSSIAN	0	0	*	0	0	0	*	0
TOTAL	4807	9184	91	4377	100	99	-1	3418

TABLE A1-2-E
FOREIGN LANGUAGE OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH	60	154	157	94	56	57	2	68
FRENCH	29	80	176	51	27	30	10	38
ITALIAN	7	20	186	13	7	7	14	10
LATIN	4	3	-25	-1	4	1	-70	-3
RUSSIAN	0	3	*	3	0	1	*	3
HEBREW	4	4	0	0	4	1	-60	-2
GERMAN	3	5	67	2	3	2	-34	1
ARABIC	0	0	*	0	0	0	*	0
OTHER	0	0	*	0	0	0	*	0
TOTAL	107	269	151	162	101	99	-2	115

TABLE A1-2-F
FOREIGN LANGUAGE ENROLLMENTS IN LOW SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH	1571	3874	147	2303	64	63	-1	1811
FRENCH	623	1725	177	1102	25	28	11	907
ITALIAN	132	388	194	256	5	6	17	215
RUSSIAN	0	81	*	81	0	1	*	81
LATIN	49	14	-71	-35	2	0	-89	-50
HEBREW	44	42	-5	-2	2	1	-62	-16
OTHER	12	0	-100	-12	0	0	-100	-16
GERMAN	43	68	58	25	2	1	-37	12
ARABIC	0	0	*	0	0	0	*	0
TOTAL	2474	6192	150	3718	100	100	0	2944

TABLE A1-3-A
LANGUAGE ART OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
READING	146	37	-75	-109	10	2	-80	-156
ENGLISH	1031	1441	40	410	69	75	9	80
BASIC SKILLS	99	183	85	84	7	10	44	52
OTHER	32	0	-100	-32	2	0	-100	-42
MEDIA	44	90	105	46	3	5	60	32
ORAL COMMUNICAT.	46	34	-26	-12	3	2	-42	-27
LANGUAGE & LOGIC	0	8	*	8	0	0	*	8
WRITING	11	8	-27	-3	1	0	-43	-7
ESOL	83	107	29	24	6	6	1	-3
LITERATURE	0	1	*	1	0	0	*	1
TOTAL	1492	1909	28	417	101	100	-1	-62

TABLE A1-3-B
LANGUAGE ART ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH	25103	34640	38	9537	71	83	16	3195
READING	2970	895	-70	-2075	8	2	-75	-2825
OTHER	879	0	-100	-879	2	0	-100	-1101
ORAL COMMUNICAT.	946	341	-64	-605	3	1	-70	-844
ESOL	1936	2105	9	169	6	5	-9	-320
LANGUAGE & LOGIC	0	238	*	238	0	1	*	238
MEDIA	826	822	0	-4	2	2	-16	-213
WRITING	268	182	-32	-86	1	0	-43	-164
BASIC SKILLS	2239	2660	19	421	6	6	0	-145
LITERATURE	0	17	*	17	0	0	*	17
TOTAL	35167	41900	19	6733	99	100	1	-2152

TABLE A1-3-C
LANGUAGE ART OFFERINGS HIGH SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH	599	809	35	210	77	82	7	76
READING	56	19	-66	-37	7	2	-73	-50
OTHER	23	0	-100	-23	3	0	-100	-28
BASIC SKILLS	25	51	104	26	3	5	62	20
LANGUAGE & LOGIC	0	8	*	8	0	1	*	8
ORAL COMMUNICAT.	20	17	-15	-3	3	2	-32	-7
MEDIA	28	39	39	11	4	4	11	5
ESOL	24	32	33	8	3	3	6	3
WRITING	5	6	20	1	1	1	-5	0
LITERATURE	0	0	*	0	0	0	*	0
TOTAL	780	981	26	201	101	100	-1	27

TABLE A1-3-D
LANGUAGE ART ENROLLMENTS IN HIGH SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH	14864	18949	27	4085	80	89	11	1123
READING	1115	457	-59	-658	6	2	-64	-880
OTHER	646	0	-100	-646	3	0	-100	-775
MEDIA	578	417	-28	-161	3	2	-37	-276
LANGUAGE & LOGIC	0	238	*	238	0	1	*	238
ORAL COMMUNICAT.	325	162	-50	-163	2	1	-57	-228
ESOL	490	464	-5	-26	3	2	-17	-124
BASIC SKILLS	508	536	6	28	3	3	-8	-73
WRITING	117	144	23	27	1	1	7	4
LITERATURE	0	0	*	0	0	0	*	0
TOTAL	18643	21367	15	2724	101	101	0	-991

TABLE A1-3-E
LANGUAGE ART OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
READING	90	18	-80	-72	13	2	-85	-112
MEDIA	16	51	219	35	2	5	145	28
BASIC SKILLS	74	132	78	58	10	14	37	25
ORAL COMMUNICAT.	26	17	-35	-9	4	2	-50	-20
OTHER	9	0	-100	-9	1	0	-100	-13
ENGLISH	432	632	46	200	61	68	12	10
ESOL	59	75	27	16	8	8	-2	-10
WRITING	6	2	-67	-4	1	0	-74	-7
LITERATURE	0	1	*	1	0	0	*	1
LANGUAGE & LOGIC	0	0	*	0	0	0	*	0
TOTAL	712	928	30	216	100	99	-1	-98

TABLE A1-3-F
LANGUAGE ART ENROLLMENTS IN LOW SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH	10239	15691	53	5452	62	76	23	2344
READING	1855	438	-76	-1417	11	2	-81	-1998
ORAL COMMUNICAT.	621	179	-71	-442	4	1	-77	-637
OTHER	233	0	-100	-233	1	0	-100	-306
ESOL	1446	1641	13	195	9	8	-9	-268
WRITING	151	38	-75	-113	1	0	-80	-160
BASIC SKILLS	1731	2124	23	393	10	10	-1	-149
MEDIA	248	405	63	157	2	2	31	79
LITERATURE	0	17	*	17	0	0	*	17
LANGUAGE & LOGIC	0	0	*	0	0	0	*	0
TOTAL	16524	20533	24	4009	100	99	-1	-1168

TABLE A1-4-A
MATHEMATICS OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
GENERAL MATHEMAT.	225	492	119	267	22	38	71	195
OTHER	156	63	-60	-93	16	5	-68	-143
ALGEBRA	414	466	13	52	41	36	-12	-80
COMPUTER APPLICAT.	34	0	-100	-34	3	0	-100	-45
GEOMETRY	119	190	60	71	12	15	25	33
MATH ANALYSIS	16	0	-100	-16	2	0	-100	-21
TRIGONOMETRY	24	49	104	25	2	4	60	17
CALCULUS	17	24	41	7	2	2	11	2
TOTAL	1005	1284	28	279	100	100	0	-42

TABLE A1-4-B
MATHEMATICS ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
GENERAL MATHEMAT.	6363	11464	80	5101	23	33	43	3494
OTHER	3146	1393	-56	-1753	11	4	-65	-2548
GEOMETRY	3315	5775	74	2460	12	17	38	1623
COMPUTER APPLICAT.	998	0	-100	-998	4	0	-100	-1250
ALGEBRA	12439	14378	16	1939	45	41	-8	-1203
TRIGONOMETRY	608	1387	128	779	2	4	81	625
MATH ANALYSIS	407	0	-100	-407	1	0	-100	-510
CALCULUS	313	428	37	115	1	1	8	36
TOTAL	27589	34825	26	7236	99	100	1	267

TABLE A1-4-C
MATHEMATICS OFFERINGS HIGH SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
GENERAL MATHEMAT.	108	208	93	100	21	33	53	76
ALGEBRA	225	236	5	11	45	37	-17	-39
GEOMETRY	75	112	49	37	15	18	18	20
OTHER	45	35	-22	-10	9	6	-38	-20
COMPUTER APPLICAT.	14	0	-100	-14	3	0	-100	-17
MATH ANALYSIS	9	0	-100	-9	2	0	-100	-11
TRIGONOMETRY	18	30	67	12	4	5	32	8
CALCULUS	10	15	50	5	2	2	19	3
TOTAL	504	636	26	132	101	101	0	20

TABLE A1-4-D
MATHEMATICS ENROLLMENTS IN HIGH SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
GENERAL MATHEMAT.	2854	4892	71	2038	20	28	37	1469
GEOMETRY	2134	3446	61	1312	15	20	29	887
ALGEBRA	6753	7300	8	547	48	41	-13	-799
OTHER	1170	803	-31	-367	8	5	-45	-600
COMPUTER APPLICAT.	372	0	-100	-372	3	0	-100	-446
TRIGONOMETRY	442	897	103	455	3	5	63	367
MATH ANALYSIS	232	0	-100	-232	2	0	-100	-278
CALCULUS	188	311	65	123	1	2	33	86
TOTAL	14145	17649	25	3504	100	101	1	686

TABLE A1-4-E
MATHEMATICS OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER	111	28	-75	-83	22	4	-80	-132
GENERAL MATHEMAT.	117	284	143	167	23	44	88	115
ALGEBRA	189	230	22	41	38	35	-6	-42
COMPUTER APPLICAT.	20	0	-100	-20	4	0	-100	-29
GEOMETRY	44	78	77	34	9	12	37	15
MATH ANALYSIS	7	0	-100	-7	1	0	-100	-10
TRIGONOMETRY	6	19	217	13	1	3	145	10
CALCULUS	7	9	29	2	1	1	-1	-1
TOTAL	501	648	29	147	99	99	0	-74

TABLE A1-4-F
MATHEMATICS ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER	1976	590	-70	-1386	15	3	-77	-2005
GENERAL MATHEMAT.	3509	6572	87	3063	26	38	47	1964
COMPUTER APPLICAT.	626	0	-100	-626	5	0	-100	-822
GEOMETRY	1181	2329	97	1148	9	14	54	778
ALGEBRA	5686	7078	24	1392	42	41	-3	-389
TRIGONOMETRY	166	490	195	324	1	3	131	272
MATH ANALYSIS	175	0	-100	-175	1	0	-100	-230
CALCULUS	125	117	-6	-8	1	1	-27	-47
TOTAL	13444	17176	28	3732	100	100	0	-479

TABLE A1-5-A
MUSIC OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
INSTRUMENTAL MUSIC	73	142	95	69	43	44	3	46
VOCAL MUSIC	39	88	126	49	23	28	20	37
GENERAL MUSIC	43	84	95	41	25	26	4	27
ADVANCED MUSIC	9	5	-44	-4	5	2	-70	-7
OTHER	6	1	-83	-5	4	0	-91	-7
TOTAL	170	320	88	150	100	100	0	96

TABLE A1-5-B
MUSIC ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER	199	24	-88	-175	4	0	-90	-225
INSTRUMENTAL MUSIC	2111	2830	34	719	45	48	7	186
GENERAL MUSIC	1014	1398	38	384	21	24	10	128
ADVANCED MUSIC	92	40	-57	-52	2	1	-65	-75
VOCAL MUSIC	1317	1627	24	310	28	27	-1	-23
TOTAL	4733	5919	25	1186	100	100	0	-9

TABLE A1-5-C

MUSIC OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
INSTRUMENTAL MUSIC	37	78	111	41	42	43	2	33
GENERAL MUSIC	18	50	178	32	20	27	34	28
VOCAL MUSIC	26	50	92	24	30	27	-7	18
ADVANCED MUSIC	7	4	-43	-3	8	2	-72	-5
OTHER	0	0	*	0	0	0	*	0
TOTAL	88	182	107	94	100	99	-1	74

TABLE A1-5-D

MUSIC ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
GENERAL MUSIC	434	757	74	323	19	27	43	237
VOCAL MUSIC	824	827	0	3	35	29	-17	-161
ADVANCED MUSIC	56	35	-38	-21	2	1	-49	-32
INSTRUMENTAL MUSIC	1013	1211	20	198	44	43	-2	-4
OTHER	0	0	*	0	0	0	*	0
TOTAL	2327	2830	22	503	100	100	0	40

TABLE A1-5-E
MUSIC OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
VOCAL MUSIC	13	38	192	25	16	28	74	19
INSTRUMENTAL MUSIC	36	64	78	28	44	46	6	12
OTHER	6	1	-83	-5	7	1	-90	-8
GENERAL MUSIC	25	34	36	9	30	25	-19	-2
ADVANCED MUSIC	2	1	-50	-1	2	1	-70	-2
TOTAL	82	138	68	56	99	101	2	19

TABLE A1-5-F
MUSIC ENROLLMENTS IN LOW SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER	199	24	-88	-175	8	1	-91	-237
INSTRUMENTAL MUSIC	1098	1619	47	521	46	52	15	177
VOCAL MUSIC	493	800	62	307	20	26	26	153
GENERAL MUSIC	580	641	11	61	24	21	-14	-121
ADVANCED MUSIC	36	5	-86	-31	1	0	-89	-42
TOTAL	2406	3089	28	683	99	100	1	-70

TABLE A1-6-A
SCIENCE OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCES	142	454	220	312	22	39	76	267
BIOLOGICAL SCIENCES	342	611	79	269	53	52	-2	160
GENERAL SCIENCES	148	41	-72	-107	23	3	-85	-154
EARTH-SPACE SCIENCES	10	72	620	62	2	6	297	59
OTHER SCIENCES	7	0	-100	-7	1	0	-100	-9
TOTAL	649	1178	82	529	101	100	-1	323

TABLE A1-6-B
SCIENCE ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCES	3560	12177	242	8617	21	38	79	7718
BIOLOGICAL SCIENCES	9922	17075	72	7153	59	53	-10	4546
GENERAL SCIENCES	3056	1037	-66	-2019	18	3	-82	-2791
EARTH-SPACE SCIENCES	240	1836	665	1596	1	6	301	1636
OTHER SCIENCES	52	0	-100	-52	0	0	-100	-66
TOTAL	16830	32125	91	15295	99	100	1	11043

TABLE A1-6-C
SCIENCE OFFERINGS HIGH SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BIOLOGICAL SCIENCES	216	353	63	137	58	59	2	89
PHYSICAL SCIENCES	90	186	107	96	24	31	29	76
GENERAL SCIENCES	56	19	-66	-37	15	3	-79	-50
EARTH-SPACE SCIENCES	8	38	375	30	2	6	196	28
OTHER SCIENCES	1	0	-100	-1	0	0	-100	-1
TOTAL	371	596	61	225	99	99	0	142

TABLE A1-6-D
SCIENCE ENROLLMENTS IN HIGH SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BIOLOGICAL SCIENCES	6223	9925	59	3702	69	61	-12	2462
PHYSICAL SCIENCES	2137	4946	131	2809	24	30	27	2383
EARTH-SPACE SCIENCES	193	1017	427	824	2	6	190	786
OTHER SCIENCES	28	0	-100	-28	0	0	-100	-34
GENERAL SCIENCES	414	465	12	51	5	3	-38	-31
TOTAL	8995	16353	82	7358	100	100	0	5566

TABLE A1-6-E
SCIENCE OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCES	52	268	415	216	19	46	146	193
GENERAL SCIENCES	92	22	-76	-70	33	4	-89	-111
BIOLOGICAL SCIENCES	126	258	105	132	45	44	-2	76
EARTH-SPACE SCIENCES	2	34	1600	32	1	6	712	31
OTHER SCIENCES	6	0	-100	-6	2	0	-100	-9
TOTAL	278	582	109	304	100	100	0	180

TABLE A1-6-F
SCIENCE ENROLLMENTS IN LOW SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCES	1423	7231	408	5808	18	46	152	5362
GENERAL SCIENCES	2642	572	-78	-2070	34	4	-89	-2898
BIOLOGICAL SCIENCES	3699	7150	93	3451	47	45	-4	2292
EARTH-SPACE SCIENCES	47	819	1643	772	1	5	766	757
OTHER SCIENCES	24	0	-100	-24	0	0	-100	-32
TOTAL	7835	15772	101	7937	100	100	0	5481

TABLE A1-7-A
SOCIAL STUDIES OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
POLITICAL SCIENCE	291	261	-10	-30	35	25	-28	-123
HISTORY	403	625	55	222	48	60	24	93
ECONOMICS	15	95	533	80	2	9	408	75
PSYCHOLOGY	54	40	-26	-14	6	4	-41	-31
OTHER	22	0	-100	-22	3	0	-100	-29
GEOGRAPHY	24	5	-79	-19	3	0	-83	-27
ANTHROPOLOGY	11	3	-73	-8	1	0	-78	-12
SOCIOLOGY	11	7	-36	-4	1	1	-49	-8
INTERDISC. SOC. STUD.	2	1	-50	-1	0	0	-60	-2
PHILOSOPHY	0	1	*	1	0	0	*	1
TOTAL	833	1038	25	205	99	99	0	-63

TABLE A1-7-B
SOCIAL STUDIES ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
POLITICAL SCIENCE	8043	6850	-15	-1193	34	24	-31	-3225
HISTORY	11819	17888	51	6069	51	62	22	3083
ECONOMICS	392	2641	574	2249	2	9	443	2150
PSYCHOLOGY	1652	1182	-28	-470	7	4	-42	-887
GEOGRAPHY	712	132	-81	-580	3	0	-85	-760
ANTHROPOLOGY	322	66	-80	-256	1	0	-83	-337
OTHER	234	0	-100	-234	1	0	-100	-293
INTERDISC. SOC. STUD.	30	4	-87	-26	0	0	-89	-34
PHILOSOPHY	0	10	*	10	0	0	*	10
SOCIOLOGY	138	166	20	28	1	1	-3	-7
TOTAL	23342	28939	24	5597	100	100	0	-300

TABLE A1-7-C

SOCIAL STUDIES OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
POLITICAL SCIENCE	191	163	-15	-28	39	30	-23	-71
ECONOMICS	5	54	980	49	1	10	878	48
HISTORY	221	292	32	71	45	53	20	22
OTHER	17	0	-100	-17	3	0	-100	-21
PSYCHOLOGY	36	28	-22	-8	7	5	-30	-16
ANTHROPOLOGY	11	0	-100	-11	2	0	-100	-13
GEOGRAPHY	7	4	-43	-3	1	1	-48	-5
SOCIOLOGY	8	6	-25	-2	2	1	-32	-4
INTERDISC. SOC. STUD.	0	1	*	1	0	0	*	1
PHILOSOPHY	0	0	*	0	0	0	*	0
TOTAL	496	548	10	52	100	100	0	-59

TABLE A1-7-D

SOCIAL STUDIES ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
POLITICAL SCIENCE	5265	4343	-18	-922	38	29	-25	-1971
ECONOMICS	119	1446	1115	1327	1	10	1009	1303
PSYCHOLOGY	1088	886	-19	-202	8	6	-26	-419
ANTHROPOLOGY	322	0	-100	-322	2	0	-100	-386
HISTORY	6498	8061	24	1563	48	54	13	268
GEOGRAPHY	210	107	-49	-103	2	1	-54	-145
OTHER	103	0	-100	-103	1	0	-100	-124
SOCIOLOGY	71	139	96	68	1	1	79	54
INTERDISC. SOC. STUD.	0	4	*	4	0	0	*	4
PHILOSOPHY	0	0	*	0	0	0	*	0
TOTAL	13676	14986	10	1310	101	101	0	-1416

TABLE A1-7-E
SOCIAL STUDIES OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
HISTORY	182	333	83	151	54	67	23	71
POLITICAL SCIENCE	100	108	8	8	30	22	-27	-36
ECONOMICS	10	41	310	31	3	8	176	27
GEOGRAPHY	17	1	-94	-16	5	0	-96	-23
PSYCHOLOGY	18	12	-33	-6	5	2	-55	-14
OTHER	5	0	-100	-5	1	0	-100	-7
INTERDISC. SOC. STUD.	2	0	-100	-2	1	0	-100	-3
ANTHROPOLOGY	0	3	*	3	0	1	*	3
SOCIOLOGY	3	1	-67	-2	1	0	-78	-3
PHILOSOPHY	0	1	*	1	0	0	*	1
TOTAL	337	500	48	163	100	100	0	16

TABLE A1-7-F
SOCIAL STUDIES ENROLLMENTS IN LOW SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
HISTORY	5321	9797	84	4476	55	70	28	2809
POLITICAL SCIENCE	2778	2507	-10	-271	29	18	-37	-1141
ECONOMICS	273	1195	338	922	3	9	204	836
GEOGRAPHY	502	25	-95	-477	5	0	-97	-634
PSYCHOLOGY	564	296	-48	-268	6	2	-64	-445
OTHER	131	0	-100	-131	1	0	-100	-172
ANTHROPOLOGY	0	66	*	66	0	0	*	66
SOCIOLOGY	67	27	-60	-40	1	0	-72	-61
INTERDISC. SOC. STUD.	30	0	-100	-30	0	0	-100	-39
PHILOSOPHY	0	10	*	10	0	0	*	10
TOTAL	9666	13923	44	4257	100	99	-1	1229

TABLE A1-8-A
VOCATIONAL OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	573	516	-10	-57	35	36	4	-240
DIVERSIFIED OCCUPATIONS	289	171	-41	-118	18	12	-32	-210
INDUSTRIAL ARTS EDUCATION	488	461	-6	-27	30	32	9	-183
HOME ECONOMICS EDUCATION	164	160	-3	-4	9	11	12	-53
HEALTH OCCUPATIONS	53	36	-32	-17	3	3	-22	-34
VOCATIONAL ED. FOR SPEC NEEDS	15	0	-100	-15	1	0	-100	-20
PUBLIC SERVICE OCCUPATIONS	5	4	-20	-1	0	0	-8	-3
MARKETING EDUCATION	49	66	35	17	3	5	55	1
AGRIBUSINESS & NAT. RES ED.	12	16	33	4	1	1	54	0
TOTAL	1638	1420	-13	-218	100	100	0	-742

TABLE A1-8-B
VOCATIONAL ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	16188	11847	-27	-4341	43	42	-2	-8431
DIVERSIFIED OCCUPATIONS	5964	3173	-47	-2791	16	11	-29	-4298
INDUSTRIAL ARTS EDUCATION	9553	7859	-18	-1694	25	28	10	-4107
HOME ECONOMICS EDUCATION	3766	3680	-2	-86	10	13	31	-1037
HEALTH OCCUPATIONS	1008	535	-47	-473	3	2	-29	-728
VOCATIONAL ED. FOR SPEC NEEDS	231	0	-100	-231	1	0	-100	-289
MARKETING EDUCATION	1071	1071	0	0	3	4	34	-271
AGRIBUSINESS & NAT. RES ED.	157	149	-5	-8	0	1	27	-48
PUBLIC SERVICE OCCUPATIONS	78	106	36	28	0	0	82	8
TOTAL	38016	28420	-25	-9596	101	101	0	-19201

TABLE A1-8-C

VOCATIONAL OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	336	275	-18	-61	38	38	1	-136
DIVERSIFIED OCCUPATIONS	164	97	-41	-67	18	13	-27	-104
INDUSTRIAL ARTS EDUCATION	249	209	-16	-40	28	29	3	-96
HEALTH OCCUPATIONS	21	6	-71	-15	2	1	-65	-20
VOCATIONAL ED. FOR SPEC NEEDS	10	0	-100	-10	1	0	-100	-12
HOME ECONOMICS EDUCATION	68	72	6	4	8	10	31	-11
MARKETING EDUCATION	31	47	52	16	3	7	87	9
AGRIBUSINESS & NAT. RES ED.	11	16	45	5	1	2	79	3
PUBLIC SERVICE OCCUPATIONS	0	0	*	0	0	0	*	0
TOTAL	890	722	-19	-168	99	100	1	-367

TABLE A1-8-D

VOCATIONAL ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	9597	6194	-35	-3403	47	44	-6	-5315
DIVERSIFIED OCCUPATIONS	3549	1685	-53	-1864	17	12	-31	-2571
INDUSTRIAL ARTS EDUCATION	4441	3504	-21	-937	22	25	15	-1822
HEALTH OCCUPATIONS	321	93	-71	-228	2	1	-58	-292
MARKETING EDUCATION	647	596	-8	-51	3	4	35	-180
HOME ECONOMICS EDUCATION	1606	1751	9	145	8	13	59	-175
VOCATIONAL ED. FOR SPEC NEEDS	111	0	-100	-111	1	0	-100	-133
AGRIBUSINESS & NAT. RES ED.	149	149	0	0	1	1	46	-30
PUBLIC SERVICE OCCUPATIONS	0	0	*	0	0	0	*	0
TOTAL	20421	13972	-32	-6449	101	100	-1	-10518

TABLE A1-8-E
VOCATIONAL OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
DIVERSIFIED OCCUPATIONS	125	74	-41	-51	17	11	-37	-106
BUSINESS EDUCATION	237	241	2	4	32	35	9	-100
INDUSTRIAL ARTS EDUCATION	239	252	5	13	32	36	13	-92
HOME ECONOMICS EDUCATION	86	78	-9	-8	11	11	-3	-46
HEALTH OCCUPATIONS	32	30	-6	-2	4	4	0	-16
VOCATIONAL ED. FOR SPEC NEEDS	5	0	-100	-5	1	0	-100	-7
MARKETING EDUCATION	18	19	6	1	2	3	13	-7
PUBLIC SERVICE OCCUPATIONS	5	4	-20	-1	1	1	-14	-3
AGRIBUSINESS & NAT. RES ED.	1	0	-100	-1	0	0	-100	-1
TOTAL	748	698	-7	-50	100	101	1	-378

TABLE A1-8-F
VOCATIONAL ENROLLMENTS IN LOW SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

CATEGORY	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	6591	5653	-14	-938	37	39	5	-3003
INDUSTRIAL ARTS EDUCATION	5112	4325	-15	-787	29	30	3	-2389
DIVERSIFIED OCCUPATIONS	2415	1488	-38	-927	14	10	-25	-1684
HOME ECONOMICS EDUCATION	2160	1929	-11	-231	12	13	9	-908
HEALTH OCCUPATIONS	687	442	-36	-245	4	3	-21	-460
VOCATIONAL ED. FOR SPEC NEEDS	120	0	-100	-120	1	0	-100	-158
MARKETING EDUCATION	424	475	12	51	2	3	37	-82
AGRIBUSINESS & NAT. RES ED.	8	0	-100	-8	0	0	-100	-11
PUBLIC SERVICE OCCUPATIONS	78	106	36	28	0	1	66	4
TOTAL	17595	14418	-18	-3177	99	99	0	-8691

APPENDIX B

OFFERINGS AND ENROLLMENTS IN INDIVIDUAL COURSES

(Tables)

TABLE B-1-A
ART OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP.	65	128	97	63	33	48	47	42
OTHER	20	0	-100	-20	10	0	-100	-26
CERAMICS	37	28	-24	-9	19	10	-44	-21
COMMERCIAL ART	3	16	433	13	2	6	298	12
DRAWING & PAINT	47	70	49	23	24	26	11	8
FASHION & TEXT.	6	0	-100	-6	3	0	-100	-8
ART APPRECIATION	7	2	-71	-5	4	1	-79	-7
GRAPHIC DESIGN	6	14	133	8	3	5	74	6
JEWELRY	2	0	-100	-2	1	0	-100	-3
CONST.-SCULPTURE	0	1	*	1	0	0	*	1
PHOTO DESIGN	6	8	33	2	3	3	-1	0
TOTAL	199	267	34	68	102	99	-3	4

TABLE B-1-B
ART ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP.	1734	3312	91	1578	40	56	42	1140
CERAMICS	843	530	-37	-313	19	9	-53	-526
OTHER	175	0	-100	-175	4	0	-100	-219
GRAPHIC DESIGN	68	287	322	219	2	5	214	202
FASHION & TEXT.	119	0	-100	-119	3	0	-100	-149
JEWELRY	30	0	-100	-30	1	0	-100	-38
DRAWING & PAINT	1168	1434	23	266	27	24	-9	-29
ART APPRECIATION	44	26	-41	-18	1	0	-56	-29
COMMERCIAL ART	63	104	65	41	1	2	23	25
CONST.-SCULPTURE	0	9	*	9	0	0	*	9
PHOTO DESIGN	124	162	31	38	3	3	-3	7
TOTAL	4368	5864	34	1496	101	99	-2	393

TABLE B-1-C

ART OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER	18	0	-100	-18	16	0	-100	-22
ART-GENERAL & COMP.	28	54	93	26	25	39	56	20
CERAMICS	22	16	-27	-6	20	12	-41	-11
COMMERCIAL ART	2	11	450	9	2	8	346	9
DRAWING & PAINT	31	45	45	14	28	33	18	7
FASHION & TEXT.	6	0	-100	-6	5	0	-100	-7
GRAPHIC DESIGN	1	8	700	7	1	6	548	7
CONST.-SCULPTURE	0	1	*	1	0	1	*	1
JEWELRY	1	0	-100	-1	1	0	-100	-1
PHOTO DESIGN	1	1	0	0	1	1	-19	0
ART APPRECIATION	1	1	0	0	1	1	-19	0
TOTAL	111	137	23	26	100	101	1	3

TABLE B-1-D

ART ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP.	735	1486	102	751	31	46	49	605
CERAMICS	487	338	-31	-149	20	11	-49	-246
GRAPHIC DESIGN	9	217	2311	208	0	7	1682	206
OTHER	140	0	-100	-140	6	0	-100	-168
FASHION & TEXT.	119	0	-100	-119	5	0	-100	-143
COMMERCIAL ART	29	78	169	49	1	2	99	43
DRAWING & PAINT	848	1057	25	209	36	33	-8	40
ART APPRECIATION	1	18	1700	17	0	1	1230	17
CONST.-SCULPTURE	0	9	*	9	0	0	*	9
PHOTO DESIGN	7	15	114	8	0	0	58	7
JEWELRY	3	0	-100	-3	0	0	-100	-4
TOTAL	2378	3218	35	840	99	100	1	366

TABLE B-1-E

ART OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP.	37	74	100	37	42	57	35	21
CERAMICS	15	12	-20	-3	17	9	-46	-10
ART APPRECIATION	6	1	-83	-5	7	1	-89	-8
COMMERCIAL ART	1	5	400	4	1	4	238	4
OTHER	2	0	-100	-2	2	0	-100	-3
DRAWING & PAINT	16	25	56	9	18	19	6	2
GRAPHIC DESIGN	5	6	20	1	6	5	-19	-1
JEWELRY	1	0	-100	-1	1	0	-100	-1
FASHION & TEXT.	0	0	*	0	0	0	*	0
PHOTO DESIGN	5	7	40	2	6	5	-5	0
CONST.-SCULPTURE	0	0	*	0	0	0	*	0
TOTAL	88	130	48	42	100	100	0	4

TABLE B-1-F

ART ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ART-GENERAL & COMP.	999	1826	83	827	50	69	37	514
CERAMICS	356	192	-46	-164	18	7	-59	-276
ART APPRECIATION	43	8	-81	-35	2	0	-86	-48
OTHER	35	0	-100	-35	2	0	-100	-46
DRAWING & PAINT	320	377	18	57	16	14	-11	-43
JEWELRY	27	0	-100	-27	1	0	-100	-35
COMMERCIAL ART	34	26	-24	-8	2	1	-42	-19
GRAPHIC DESIGN	59	70	19	11	3	3	-11	-7
PHOTO DESIGN	117	147	26	30	6	6	-6	-7
FASHION & TEXT.	0	0	*	0	0	0	*	0
CONST.-SCULPTURE	0	0	*	0	0	0	*	0
TOTAL	1990	2646	33	656	100	100	0	33

TABLE B-2-A

FOREIGN LANGUAGE OFFERINGS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH 1	34	102	200	68	10	15	48	57
SPAN. SPN. SPKRS.	68	139	104	71	20	21	1	49
SPANISH 2	30	80	167	50	9	12	31	40
FRENCH 2	21	59	181	38	6	9	38	31
FRENCH 1	38	66	74	28	11	10	-15	16
OTHER SPANISH	0	15	*	15	0	2	*	15
ITALIAN 2	5	19	280	14	2	3	87	12
OTHER FRENCH	0	9	*	9	0	1	*	9
ITALIAN 1	11	22	100	11	3	3	-2	7
CONVERS SPANISH	8	4	-50	-4	2	1	-75	-7
ITALIAN 3-4	2	8	300	6	1	1	97	5
SPANISH 3-6	29	43	48	14	9	6	-27	5
CONVERS FRENCH	3	0	-100	-3	1	0	-100	-4
OTHER FOR. LANG.	3	0	-100	-3	1	0	-100	-4
GERMAN 3-6	11	11	0	0	3	2	-51	-4
LATIN 1	6	5	-17	-1	2	1	-59	-3
RUSSIAN 1	0	3	*	3	0	0	*	3
FRENCH 3-6	32	44	38	12	10	7	-32	2
OTHER LATIN	0	2	*	2	0	0	*	2
LATIN 2	6	6	0	0	2	1	-51	-2
HEBREW 1	1	3	200	2	0	0	48	2
HEBREW 2	1	3	200	2	0	0	48	2
OTHER GERMAN	0	2	*	2	0	0	*	2
GERMAN 1	9	10	11	1	3	1	-45	-2
GERMAN 2	8	12	50	4	2	2	-28	1
SPAN FOR BUSIN	0	1	*	1	0	0	*	1
ARABIC	1	0	-100	-1	0	0	-100	-1
LATIN 3-5	3	4	33	1	1	1	-34	0
HEBREW 3-4	2	3	50	1	1	0	-28	0
TOTAL	332	675	103	343	99	99	0	234

TABLE B-2-B

FOREIGN LANGUAGE ENROLLMENTS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH 1	998	3174	218	2176	14	21	51	1924
SPANISH 2	781	2431	211	1650	11	16	47	1453
SPAN. SPN. SPKRS.	1718	3428	100	1710	24	22	-8	1276
FRENCH 2	551	1533	178	982	8	10	32	843
FRENCH 1	1123	1767	57	644	15	11	-25	360
OTHER SPANISH	0	226	*	226	0	1	*	226
ITALIAN 1	313	607	94	294	4	4	-8	215
ITALIAN 2	81	292	260	211	1	2	71	191
CONVERS SPANISH	223	109	-51	-114	3	1	-77	-170
CONVERS FRENCH	80	0	-100	-80	1	0	-100	-100
LATIN 1	118	51	-57	-67	2	0	-80	-97
FRENCH 3-6	356	532	49	176	5	3	-29	86
RUSSIAN 1	0	81	*	81	0	1	*	81
GERMAN 1	204	197	-3	-7	3	1	-54	-59
GERMAN 2	71	133	87	62	1	1	-11	44
OTHER FRENCH	0	44	*	44	0	0	*	44
LATIN 2	67	47	-30	-20	1	0	-67	-37
LATIN 3-5	28	9	-68	-19	0	0	-85	-26
OTHER FOR. LANG.	20	0	-100	-20	0	0	-100	-25
ITALIAN 3-4	7	29	314	22	0	0	96	20
GERMAN 3-6	49	42	-14	-7	1	0	-59	-19
HEBREW 1	17	35	106	18	0	0	-3	14
SPANISH 3-6	443	565	28	122	6	4	-40	10
ARABIC	6	0	-100	-6	0	0	-100	-8
OTHER GERMAN	0	7	*	7	0	0	*	7
HEBREW 3-4	10	7	-30	-3	0	0	-67	-6
OTHER LATIN	0	5	*	5	0	0	*	5
SPAN FOR BUSIN	0	2	*	2	0	0	*	2
HEBREW 2	17	23	35	6	0	0	-36	2
TOTAL	7281	15376	111	8095	100	98	-2	6256

TABLE B-2-C

FOREIGN LANGUAGE OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPAN. SPN. SPKRS.	41	92	124	51	18	23	24	42
SPANISH 1	21	55	162	34	9	14	45	29
SPANISH 2	20	47	135	27	9	12	30	23
FRENCH 2	15	29	93	14	7	7	7	11
OTHER SPANISH	0	8	*	8	0	2	*	8
ITALIAN 2	3	11	267	8	1	3	103	7
OTHER FRENCH	0	6	*	6	0	1	*	6
SPANISH 3-6	26	26	0	0	12	6	-45	-6
ITALIAN 1	6	13	117	7	3	3	20	6
FRENCH 1	26	37	42	11	12	9	-21	5
OTHER FOR. LANG.	3	0	-100	-3	1	0	-100	-4
ITALIAN 3-4	2	5	150	3	1	1	39	3
FRENCH 3-6	24	26	8	2	11	6	-40	-3
GERMAN 1	8	7	-13	-1	4	2	-52	-3
HEBREW 2	0	2	*	2	0	0	*	2
HEBREW 1	0	2	*	2	0	0	*	2
OTHER LATIN	0	2	*	2	0	0	*	2
GERMAN 2	7	11	57	4	3	3	-13	2
OTHER GERMAN	0	2	*	2	0	0	*	2
GERMAN 3-6	10	10	0	0	4	2	-45	-2
LATIN 2	5	5	0	0	2	1	-45	-1
LATIN 1	4	4	0	0	2	1	-45	-1
CONVERS SPANISH	1	2	100	1	0	0	11	1
HEBREW 3-4	0	1	*	1	0	0	*	1
LATIN 3-5	2	3	50	1	1	1	-17	1
ARABIC	1	0	-100	-1	0	0	-100	-1
RUSSIAN 1	0	0	*	0	0	0	*	0
SPAN FOR BUSIN	0	0	*	0	0	0	*	0
CONVERS FRENCH	0	0	*	0	0	0	*	0
TOTAL	225	406	80	181	100	97	-3	132

TABLE B-2-D

FOREIGN LANGUAGE ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPAN. SPN. SPKRS.	996	2257	127	1261	21	25	19	1063
SPANISH 1	652	1724	164	1072	14	19	38	942
SPANISH 2	557	1477	165	920	12	16	39	809
FRENCH 2	431	857	99	426	9	9	4	340
OTHER SPANISH	0	145	*	145	0	2	*	145
ITALIAN 2	53	170	221	117	1	2	68	106
ITALIAN 1	209	354	69	145	4	4	-11	103
GERMAN 1	180	145	-19	-35	4	2	-58	-71
LATIN 1	88	44	-50	-44	2	0	-74	-62
FRENCH 1	809	917	13	108	17	10	-41	-53
GERMAN 2	60	121	102	61	1	1	6	49
FRENCH 3-6	247	341	38	94	5	4	-28	45
OTHER FRENCH	0	36	*	36	0	0	*	36
SPANISH 3-6	368	406	10	38	8	4	-42	-35
CONVERS SPANISH	19	52	174	33	0	1	43	29
LATIN 3-5	24	6	-75	-18	0	0	-87	-23
LATIN 2	52	43	-17	-9	1	0	-57	-19
HEBREW 1	0	14	*	14	0	0	*	14
GERMAN 3-6	41	38	-7	-3	1	0	-51	-11
OTHER FOR. LANG.	8	0	-100	-8	0	0	-100	-10
ITALIAN 3-4	7	16	129	9	0	0	20	8
OTHER GERMAN	0	7	*	7	0	0	*	7
ARABIC	6	0	-100	-6	0	0	-100	-7
HEBREW 2	0	7	*	7	0	0	*	7
OTHER LATIN	0	5	*	5	0	0	*	5
HEBREW 3-4	0	2	*	2	0	0	*	2
SPAN FOR BUSIN	0	0	*	0	0	0	*	0
RUSSIAN 1	0	0	*	0	0	0	*	0
CONVERS FRENCH	0	0	*	0	0	0	*	0
TOTAL	4807	9184	91	4377	100	99	-1	3419

TABLE B-2-E

FOREIGN LANGUAGE OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH 1	13	47	262	34	12	17	44	28
FRENCH 2	6	30	400	24	6	11	99	21
SPANISH 2	10	33	230	23	9	12	31	19
SPANISH 3-6	3	17	467	14	3	6	125	13
FRENCH 1	12	29	142	17	11	11	-4	12
SPAN. SPN. SPKRS.	27	47	74	20	25	17	-31	8
CONVERS SPANISH	7	2	-71	-5	7	1	-89	-8
OTHER SPANISH	0	7	*	7	0	3	*	7
FRENCH 3-6	8	18	125	10	7	7	-11	6
ITALIAN 2	2	8	300	6	2	3	59	5
CONVERS FRENCH	3	0	-100	-3	3	0	-100	-4
RUSSIAN 1	0	3	*	3	0	1	*	3
ITALIAN 3-4	0	3	*	3	0	1	*	3
OTHER FRENCH	0	3	*	3	0	1	*	3
ITALIAN 1	5	9	80	4	5	3	-28	2
LATIN 1	2	1	-50	-1	2	0	-80	-2
GERMAN 1	1	3	200	2	1	1	19	2
SPAN FOR BUSIN	0	1	*	1	0	0	*	1
HEBREW 3-4	2	2	0	0	2	1	-60	-1
LATIN 2	1	1	0	0	1	0	-60	0
LATIN 3-5	1	1	0	0	1	0	-60	0
HEBREW 1	1	1	0	0	1	0	-60	0
OTHER GERMAN	0	0	*	0	0	0	*	0
GERMAN 3-6	1	1	0	0	1	0	-60	0
GERMAN 2	1	1	0	0	1	0	-60	0
HEBREW 2	1	1	0	0	1	0	-60	0
OTHER LATIN	0	0	*	0	0	0	*	0
ARABIC	0	0	*	0	0	0	*	0
OTHER FOR. LANG.	0	0	*	0	0	0	*	0
TOTAL	107	269	151	162	101	96	-5	118

TABLE B-2-F

FOREIGN LANGUAGE ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
SPANISH 1	346	1450	319	1104	14	23	67	996
SPANISH 2	224	954	326	730	9	15	70	660
FRENCH 2	120	676	463	556	5	11	125	518
FRENCH 1	314	850	171	536	13	14	8	438
SPAN. SPN. SPKRS.	722	1171	62	449	29	19	-35	223
CONVERS SPANISH	204	57	-72	-147	8	1	-89	-211
ITALIAN 1	104	253	143	149	4	4	-3	116
CONVERS FRENCH	80	0	-100	-80	3	0	-100	-105
ITALIAN 2	28	122	336	94	1	2	74	85
RUSSIAN 1	0	81	*	81	0	1	*	81
OTHER SPANISH	0	81	*	81	0	1	*	81
SPANISH 3-6	75	159	112	84	3	3	-15	61
FRENCH 3-6	109	191	75	82	4	3	-30	48
LATIN 1	30	7	-77	-23	1	0	-91	-32
GERMAN 1	24	52	117	28	1	1	-13	20
LATIN 2	15	4	-73	-11	1	0	-89	-16
OTHER FOR. LANG.	12	0	-100	-12	0	0	-100	-16
ITALIAN 3-4	0	13	*	13	0	0	*	13
OTHER FRENCH	0	8	*	8	0	0	*	8
HEBREW 3-4	10	5	-50	-5	0	0	-80	-8
GERMAN 3-6	8	4	-50	-4	0	0	-80	-7
HEBREW 2	17	16	-6	-1	1	0	-62	-6
GERMAN 2	11	12	9	1	0	0	-56	-2
SPAN FOR BUSIN	0	2	*	2	0	0	*	2
LATIN 3-5	4	3	-25	-1	0	0	-70	-2
HEBREW 1	17	21	24	4	1	0	-51	-1
OTHER LATIN	0	0	*	0	0	0	*	0
ARABIC	0	0	*	0	0	0	*	0
OTHER GERMAN	0	0	*	0	0	0	*	0
TOTAL	2474	6192	150	3718	98	98	0	2944

TABLE B-3-A
LANGUAGE ART OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
READING 2	95	4	-96	-91	6	0	-97	-121
ENGLISH 2	262	453	73	191	18	24	35	107
ENGLISH 1	76	185	143	109	5	10	90	85
ENGLISH 3	366	415	13	49	25	22	-11	-68
ENGLISH 4	304	347	14	43	20	18	-11	-54
BASIC SKILLS	99	183	85	84	7	10	44	52
OTHER ENGLISH	32	0	-100	-32	2	0	-100	-42
READING 1	40	15	-63	-25	3	1	-71	-38
JOURNALISM 3-4	5	35	600	30	0	2	447	28
SPEECH 1	16	4	-75	-12	1	0	-80	-17
SPEECH 2	13	0	-100	-13	1	0	-100	-17
JOURNALISM 1	9	26	189	17	1	1	126	14
JOURNALISM 2	28	27	-4	-1	2	1	-25	-10
SEMANT. & LOGIC	0	8	*	8	0	0	*	8
AP ENGLISH	23	36	57	13	2	2	22	6
DEBATE 2	2	8	300	6	0	0	213	5
OTHER COMP.-MED.	7	4	-43	-3	0	0	-55	-5
READING 3	11	18	64	7	1	1	28	3
BUSIN. ENGLISH 1	0	3	*	3	0	0	*	3
ESOL	83	107	29	24	6	6	1	-3
BUSIN. ENGLISH 2	0	2	*	2	0	0	*	2
DEBATE 3	4	7	75	3	0	0	37	2
MASS MEDIA	2	2	0	0	0	0	-22	-1
LITERATURE	0	1	*	1	0	0	*	1
WRITING 1	4	4	0	0	0	0	-22	-1
DEBATE 4	1	2	100	1	0	0	56	1
DEBATE 1	10	13	30	3	1	1	2	0
TOTAL	1492	1909	28	417	101	99	-2	-80

TABLE B-3-B

LANGUAGE ART ENROLLMENTS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH 1	2116	5476	159	3360	6	13	117	2825
READING 2	1732	86	-95	-1646	5	0	-96	-2084
ENGLISH 2	7564	10919	44	3355	22	26	21	1444
OTHER ENGLISH	879	0	-100	-879	2	0	-100	-1101
ENGLISH 3	8252	9394	14	1142	23	22	-4	-943
READING 1	962	358	-63	-604	3	1	-69	-847
JOURNALISM 2	549	204	-63	-345	2	0	-69	-484
SPEECH 1	402	72	-82	-330	1	0	-85	-432
SPEECH 2	293	0	-100	-293	1	0	-100	-367
ENGLISH 4	6786	8138	20	1352	19	19	1	-362
ESOL	1936	2105	9	169	6	5	-9	-320
SEMANT. & LOGIC	0	238	*	238	0	1	*	238
JOURNALISM 1	142	367	158	225	0	1	117	189
AP ENGLISH	385	640	66	255	1	2	40	158
OTHER COMP.-MED.	184	76	-59	-108	1	0	-65	-154
BASIC SKILLS	2239	2660	19	421	6	6	0	-145
JOURNALISM 3-4	94	224	138	130	0	1	100	106
READING 3	276	451	63	175	1	1	37	105
DEBATE 1	194	175	-10	-19	1	0	-24	-68
BUSIN. ENGLISH 1	0	56	*	56	0	0	*	56
DEBATE 3	17	51	200	34	0	0	152	30
MASS MEDIA	41	27	-34	-14	0	0	-45	-24
DEBATE 4	21	8	-62	-13	0	0	-68	-18
BUSIN. ENGLISH 2	0	17	*	17	0	0	*	17
LITERATURE	0	17	*	17	0	0	*	17
DEBATE 2	19	35	84	16	0	0	55	11
WRITING 1	84	106	26	22	0	0	6	1
TOTAL	35167	41900	19	6733	100	98	-2	-2152

TABLE B-3-C

LANGUAGE ART OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH 2	165	273	65	108	21	28	32	71
ENGLISH 1	8	46	475	38	1	5	357	36
READING 2	30	1	-97	-29	4	0	-97	-36
OTHER ENGLISH	23	0	-100	-23	3	0	-100	-28
ENGLISH 4	191	210	10	19	24	21	-13	-24
BASIC SKILLS	25	51	104	26	3	5	62	20
READING 1	19	7	-63	-12	2	1	-71	-16
ENGLISH 3	218	254	17	36	28	26	-7	-13
JOURNALISM 3-4	5	15	200	10	1	2	139	9
SEMANT. & LOGIC	0	8	*	8	0	1	*	8
SPEECH 2	6	0	-100	-6	1	0	-100	-7
JOURNALISM 2	15	12	-20	-3	2	1	-36	-6
JOURNALISM 1	6	12	100	6	1	1	59	5
ESOL	24	32	33	8	3	3	6	3
SPEECH 1	4	2	-50	-2	1	0	-60	-3
AP ENGLISH	17	24	41	7	2	2	12	3
DEBATE 2	1	4	300	3	0	0	218	3
READING 3	7	11	57	4	1	1	25	2
MASS MEDIA	2	0	-100	-2	0	0	-100	-2
BUSIN. ENGLISH 2	0	2	*	2	0	0	*	2
DEBATE 4	0	1	*	1	0	0	*	1
DEBATE 1	6	6	0	0	1	1	-20	-1
DEBATE 3	3	4	33	1	0	0	6	0
BUSIN. ENGLISH 1	0	0	*	0	0	0	*	0
WRITING 1	3	4	33	1	0	0	6	0
OTHER COMP.-MED.	2	2	0	0	0	0	-20	0
LITERATURE	0	0	*	0	0	0	*	0
TOTAL	780	981	26	201	99	98	-1	27

TABLE B-3-D

LANGUAGE ART ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH 1	251	1365	444	1114	1	6	374	1064
OTHER ENGLISH	646	0	-100	-646	3	0	-100	-775
ENGLISH 2	4799	6516	36	1717	26	30	18	761
READING 2	465	14	-97	-451	2	0	-97	-544
ENGLISH 3	5176	5689	10	513	28	27	-4	-518
READING 1	477	168	-65	-309	3	1	-69	-404
JOURNALISM 2	331	94	-72	-237	2	0	-75	-303
ENGLISH 4	4350	4933	13	583	23	23	-1	-284
SEMANT. & LOGIC	0	238	*	238	0	1	*	238
ESOL	490	464	-5	-26	3	2	-17	-124
SPEECH 2	103	0	-100	-103	1	0	-100	-124
AP ENGLISH	288	429	49	141	2	2	30	84
SPEECH 1	109	47	-57	-62	1	0	-62	-84
BASIC SKILLS	508	536	6	28	3	3	-8	-73
READING 3	173	275	59	102	1	1	39	68
JOURNALISM 1	112	192	71	80	1	1	50	58
MASS MEDIA	41	0	-100	-41	0	0	-100	-49
DEBATE 1	96	68	-29	-28	1	0	-38	-47
WRITING 1	70	106	51	36	0	0	32	22
DEBATE 3	13	38	192	25	0	0	155	22
JOURNALISM 3-4	94	131	39	37	1	1	22	18
OTHER COMP.-MED.	47	38	-19	-9	0	0	-29	-18
BUSIN. ENGLISH 2	0	17	*	17	0	0	*	17
DEBATE 4	0	4	*	4	0	0	*	4
DEBATE 2	4	5	25	1	0	0	9	0
BUSIN. ENGLISH 1	0	0	*	0	0	0	*	0
LITERATURE	0	0	*	0	0	0	*	0
TOTAL	18643	21367	15	2724	102	98	-4	-991

TABLE B-3-E

LANGUAGE ART OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
READING 2	65	3	-95	-62	9	0	-96	-91
ENGLISH 3	148	161	9	13	21	17	-17	-52
ENGLISH 1	68	139	104	71	10	15	57	41
ENGLISH 2	97	180	86	83	14	19	42	40
ENGLISH 4	113	137	21	24	16	15	-7	-26
BASIC SKILLS	74	132	78	58	10	14	37	25
READING 1	21	8	-62	-13	3	1	-71	-22
JOURNALISM 3-4	0	20	*	20	0	2	*	20
SPEECH 1	12	2	-83	-10	2	0	-87	-15
OTHER ENGLISH	9	0	-100	-9	1	0	-100	-13
SPEECH 2	7	0	-100	-7	1	0	-100	-10
JOURNALISM 1	3	14	367	11	0	2	258	10
ESOL	59	75	27	16	8	8	-2	-10
OTHER COMP.-MED.	5	2	-60	-3	1	0	-69	-5
JOURNALISM 2	13	15	15	2	2	2	-11	-4
DEBATE 2	1	4	300	3	0	0	207	3
AP ENGLISH	6	12	100	6	1	1	53	3
BUSIN. ENGLISH 1	0	3	*	3	0	0	*	3
MASS MEDIA	0	2	*	2	0	0	*	2
DEBATE 3	1	3	200	2	0	0	130	2
READING 3	4	7	75	3	1	1	34	1
DEBATE 1	4	7	75	3	1	1	34	1
LITERATURE	0	1	*	1	0	0	*	1
WRITING 1	1	0	-100	-1	0	0	-100	-1
DEBATE 4	1	1	0	0	0	0	-23	0
BUSIN. ENGLISH 2	0	0	*	0	0	0	*	0
SEMANT. & LOGIC	0	0	*	0	0	0	*	0
TOTAL	712	928	30	216	101	98	-3	-97

TABLE B-3-F

LANGUAGE ART ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ENGLISH 1	1865	4111	120	2246	11	20	77	1662
READING 2	1267	72	-94	-1195	8	0	-95	-1692
ENGLISH 2	2765	4403	59	1638	17	21	28	772
READING 1	485	190	-61	-295	3	1	-68	-447
SPEECH 1	293	25	-91	-268	2	0	-93	-360
ENGLISH 3	3076	3705	20	629	19	18	-3	-335
OTHER ENGLISH	233	0	-100	-233	1	0	-100	-308
ESOL	1446	1641	13	195	9	8	-9	-258
SPEECH 2	190	0	-100	-190	1	0	-100	-250
JOURNALISM 2	218	110	-50	-108	1	1	-59	-178
BASIC SKILLS	1731	2124	23	393	10	10	-1	-149
OTHER COMP.-MED.	137	38	-72	-99	1	0	-78	-142
JOURNALISM 1	30	175	483	145	0	1	369	136
JOURNALISM 3-4	0	93	*	93	0	0	*	93
AP ENGLISH	97	211	118	114	1	1	75	84
BUSIN. ENGLISH 1	0	56	*	56	0	0	*	56
READING 3	103	176	71	73	1	1	38	41
MASS MEDIA	0	27	*	27	0	0	*	27
DEBATE 4	21	4	-81	-17	0	0	-85	-24
DEBATE 1	98	107	9	9	1	1	-12	-22
WRITING 1	14	0	-100	-14	0	0	-100	-18
LITERATURE	0	17	*	17	0	0	*	17
DEBATE 2	15	30	100	15	0	0	61	10
DEBATE 3	4	13	225	9	0	0	162	8
ENGLISH 4	2436	3205	32	769	15	16	6	6
BUSIN. ENGLISH 2	0	0	*	0	0	0	*	0
SEMANT. & LOGIC	0	0	*	0	0	0	*	0
TOTAL	16524	20533	24	4009	101	99	-2	-1167

TABLE B-4-A
MATHEMATICS OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER MATH	156	63	-60	-93	16	5	-68	-143
BASIC SKILLS	3	146	4767	143	0	11	3709	142
INFORMAL GEOMETRY	0	65	*	65	0	5	*	65
ALGEBRA 1	191	193	1	2	19	15	-21	-59
GENERAL MATH 1	27	95	252	68	3	7	175	59
COMPUTER MATH 1	34	0	-100	-34	3	0	-100	-45
ALGEBRA 2	124	129	4	5	12	10	-19	-35
CONSUMER MATH	62	48	-23	-14	6	4	-39	-34
GEOMETRY	119	125	5	6	12	10	-18	-32
MATH ANALYSIS	16	0	-100	-16	2	0	-100	-21
GENERAL MATH 3	7	30	329	23	1	2	235	21
BUSINESS MATH 1	10	30	200	20	1	2	135	17
TRIGONOMETRY	24	49	104	25	2	4	60	17
PRE-ALGEBRA	99	140	41	41	10	11	11	9
GENERAL MATH 2	113	143	27	30	11	11	-1	-6
BUSINESS MATH 2	3	0	-100	-3	0	0	-100	-4
ALGEBRA 3	0	4	*	4	0	0	*	4
AP CALCULUS	15	17	13	2	1	1	-11	-3
CALCULUS	2	5	150	3	0	0	96	2
OTHER CALCULUS	0	2	*	2	0	0	*	2
TOTAL	1005	1284	28	279	99	98	-1	-44

TABLE B-4-B
MATHEMATICS ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER MATH	3146	1393	-56	-1753	11	4	-65	-2548
BASIC SKILLS	77	2521	3174	2444	0	7	2494	2425
INFORMAL GEOMETRY	0	1966	*	1966	0	6	*	1966
GENERAL MATH 1	753	2270	201	1517	3	7	139	1327
COMPUTER MATH 1	998	0	-100	-998	4	0	-100	-1250
CONSUMER MATH	1991	1341	-33	-650	7	4	-47	-1153
ALGEBRA 1	5827	6159	6	332	21	18	-16	-1140
TRIGONOMETRY	608	1387	128	779	2	4	81	625
BUSINESS MATH 1	277	915	230	638	1	3	162	568
ALGEBRA 2	3549	3881	9	332	13	11	-13	-565
MATH ANALYSIS	407	0	-100	-407	1	0	-100	-510
PRE-ALGEBRA	3063	4323	41	1260	11	12	12	486
GENERAL MATH 3	201	737	267	536	1	2	190	485
GEOMETRY	3315	3809	15	494	12	11	-9	-343
GENERAL MATH 2	3014	3680	22	666	11	11	-3	-95
BUSINESS MATH 2	60	0	-100	-60	0	0	-100	-63
CALCULUS	23	92	300	69	0	0	217	63
AP CALCULUS	290	330	14	40	1	1	-10	-33
ALGEBRA 3	0	15	*	15	0	0	*	15
OTHER CALCULUS	0	6	*	6	0	0	*	6
TOTAL	27589	34825	26	7236	99	101	2	266

TABLE B-4-C

MATHEMATICS OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BASIC SKILLS	3	46	1433	43	1	7	1115	42
INFORMAL GEOMETRY	0	38	*	38	0	6	*	38
GENERAL MATH 1	3	31	933	28	1	5	719	27
ALGEBRA 2	85	79	-7	-6	17	12	-26	-25
OTHER MATH	45	35	-22	-10	9	6	-38	-20
CONSUMER MATH	36	26	-28	-10	7	4	-43	-18
GEOMETRY	75	74	-1	-1	15	12	-22	-18
COMPUTER MATH 1	14	0	-100	-14	3	0	-100	-17
GENERAL MATH 3	0	15	*	15	0	2	*	15
BUSINESS MATH 1	4	19	375	15	1	3	276	14
ALGEBRA 1	91	99	9	8	18	16	-14	-12
MATH ANALYSIS	9	0	-100	-9	2	0	-100	-11
TRIGONOMETRY	18	30	67	12	4	5	32	8
PRE-ALGEBRA	49	55	12	6	10	9	-11	-5
BUSINESS MATH 2	3	0	-100	-3	1	0	-100	-4
CALCULUS	0	3	*	3	0	0	*	3
ALGEBRA 3	0	3	*	3	0	0	*	3
OTHER CALCULUS	0	2	*	2	0	0	*	2
AP CALCULUS	10	10	0	0	2	2	-21	-2
GENERAL MATH 2	59	71	20	12	12	11	-5	-1
TOTAL	504	636	26	132	103	100	-3	19

TABLE B-4-D

MATHEMATICS ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
INFORMAL GEOMETRY	0	1175	*	1175	0	7	*	1175
BASIC SKILLS	77	788	923	711	1	4	720	696
OTHER MATH	1170	803	-31	-367	8	5	-45	-600
CONSUMER MATH	1149	803	-30	-346	8	5	-44	-576
GENERAL MATH 1	50	592	1084	542	0	3	849	532
ALGEBRA 2	2435	2430	0	-5	17	14	-20	-490
BUSINESS MATH 1	105	587	459	482	1	3	348	461
COMPUTER MATH 1	372	0	-100	-372	3	0	-100	-446
TRIGONOMETRY	442	897	103	455	3	5	63	367
GENERAL MATH 3	0	335	*	335	0	2	*	335
GEOMETRY	2134	2271	6	137	15	13	-15	-288
MATH ANALYSIS	232	0	-100	-232	2	0	-100	-278
ALGEBRA 1	2810	3204	14	394	20	18	-9	-168
PRE-ALGEBRA	1508	1655	10	147	11	9	-12	-154
GENERAL MATH 2	1423	1787	26	364	10	10	1	80
BUSINESS MATH 2	50	0	-100	-50	0	0	-100	-60
CALCULUS	0	52	*	52	0	0	*	52
AP CALCULUS	188	253	35	65	1	1	8	28
ALGEBRA 3	0	11	*	11	0	0	*	11
OTHER CALCULUS	0	6	*	6	0	0	*	6
TOTAL	14145	17649	25	3504	100	99	-1	686

TABLE B-4-E
MATHEMATICS OFFERINGS IN LOW SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER MATH	111	28	-75	-83	22	4	-80	-132
BASIC SKILLS	0	100	*	100	0	15	*	100
ALGEBRA 1	100	94	-6	-6	20	15	-27	-50
GENERAL MATH 1	24	64	167	40	5	10	106	29
COMPUTER MATH 1	20	0	-100	-20	4	0	-100	-29
INFORMAL GEOMETRY	0	27	*	27	0	4	*	27
CONSUMER MATH	26	22	-15	-4	5	3	-35	-15
PRE-ALGEBRA	50	85	70	35	10	13	31	13
GEOMETRY	44	51	16	7	9	8	-10	-12
TRIGONOMETRY	6	19	217	13	1	3	145	10
MATH ANALYSIS	7	0	-100	-7	1	0	-100	-10
GENERAL MATH 2	54	72	33	18	11	11	3	-6
ALGEBRA 2	39	50	28	11	8	8	-1	-6
GENERAL MATH 3	7	15	114	8	1	2	66	5
BUSINESS MATH 1	6	11	83	5	1	2	42	2
ALGEBRA 3	0	1	*	1	0	0	*	1
CALCULUS	2	2	0	0	0	0	-23	-1
BUSINESS MATH 2	0	0	*	0	0	0	*	0
OTHER CALCULUS	0	0	*	0	0	0	*	0
AP CALCULUS	5	7	40	2	1	1	8	0
TOTAL	501	648	29	147	99	99	0	-74

TABLE B-4-F

MATHEMATICS ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
OTHER MATH	1976	590	-70	-1386	15	3	-77	-2005
BASIC SKILLS	0	1733	*	1733	0	10	*	1733
ALGEBRA 1	3017	2955	-2	-62	22	17	-23	-1007
COMPUTER MATH 1	626	0	-100	-626	5	0	-100	-822
INFORMAL GEOMETRY	0	791	*	791	0	5	*	791
GENERAL MATH 1	703	1678	139	975	5	10	87	755
PRE-ALGEBRA	1555	2668	72	1113	12	16	34	626
CONSUMER MATH	842	538	-36	-304	6	3	-50	-568
TRIGONOMETRY	166	490	195	324	1	3	131	272
MATH ANALYSIS	175	0	-100	-175	1	0	-100	-230
GENERAL MATH 2	1591	1893	19	302	12	11	-7	-196
GENERAL MATH 3	201	402	100	201	1	2	57	138
BUSINESS MATH 1	172	328	91	156	1	2	49	102
AP CALCULUS	102	77	-25	-25	1	0	-41	-57
GEOMETRY	1181	1538	30	357	9	9	2	-13
ALGEBRA 2	1114	1451	30	337	8	8	2	-12
CALCULUS	23	40	74	17	0	0	36	10
ALGEBRA 3	0	4	*	4	0	0	*	4
BUSINESS MATH 2	0	0	*	0	0	0	*	0
OTHER CALCULUS	0	0	*	0	0	0	*	0
TOTAL	13444	17176	28	3732	99	99	0	-479

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TABLE B-6-A

MUSIC OFFERINGS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
INSTRUMENT. ENSM.	11	46	318	35	6	14	122	31
KEYBOARD	22	49	123	27	13	15	18	20
VOCAL ENSEMBLE	13	36	177	23	8	11	47	19
CHORUS	25	52	108	27	15	16	10	19
BAND	34	63	85	29	20	20	-2	18
INT. MUSIC PERF.	0	8	*	8	0	3	*	8
ELECTRONIC MUSIC	6	1	-83	-5	4	0	-91	-7
GUITAR	21	24	14	3	12	8	-39	-4
MUSIC APPRECIAT.	0	3	*	3	0	1	*	3
MUSIC THEORY 1	4	2	-50	-2	2	1	-73	-3
MUSIC THEORY 2	2	0	-100	-2	1	0	-100	-3
INSTRUMENT. TECH.	22	26	18	4	13	8	-37	-3
MUSIC THEORY 3	3	1	-67	-2	2	0	-82	-3
MUSIC LITERATURE	0	2	*	2	0	1	*	2
ORCHESTRA	6	7	17	1	4	2	-38	-1
VOCAL TECHNIQUES	1	0	-100	-1	1	0	-100	-1
OTHER GEN. MUSIC	0	0	*	0	0	0	*	0
TOTAL	170	320	88	150	101	100	-1	95

TABLE B-5-B

MUSIC ENROLLMENTS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
INSTRUMENT. ENSM.	202	727	260	525	4	12	188	474
GUITAR	542	401	-26	-141	11	7	-41	-278
ELECTRONIC MUSIC	199	24	-88	-175	4	0	-90	-225
INT. MUSIC PERF.	0	194	*	194	0	3	*	194
KEYBOARD	472	739	57	267	10	12	25	148
BAND	1459	1703	17	244	31	29	-7	-125
INSTRUMENT. TECH.	356	348	-2	-8	8	6	-22	-98
VOCAL ENSEMBLE	233	359	54	126	5	6	23	67
MUSIC THEORY 3	54	1	-98	-53	1	0	-99	-67
ORCHESTRA	94	52	-45	-42	2	1	-56	-66
MUSIC APPRECIAT.	0	64	*	64	0	1	*	64
CHORUS	1056	1268	20	212	22	21	-4	-55
VOCAL TECHNIQUES	28	0	-100	-28	1	0	-100	-35
MUSIC LITERATURE	0	29	*	29	0	0	*	29
MUSIC THEORY 2	22	0	-100	-22	0	0	-100	-28
MUSIC THEORY 1	16	10	-38	-6	0	0	-50	-10
OTHER GEN. MUSIC	0	0	*	0	0	0	*	0
TOTAL	4733	5919	25	1186	99	98	-1	-11

TABLE B-5-C
MUSIC OFFERINGS HIGH SES SCHOOLS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
KEYBOARD	8	28	250	20	9	15	69	18
INSTRUMENT. ENSM.	9	27	200	18	10	15	45	16
VOCAL ENSEMBLE	9	24	167	15	10	13	29	13
BAND	18	32	78	14	20	18	-14	10
INSTRUMENT. TECH.	5	12	140	7	6	7	16	6
CHORUS	16	26	63	10	18	14	-21	6
INT. MUSIC PERF.	0	5	*	5	0	3	*	5
MUSIC THEORY 1	4	1	-75	-3	5	1	-88	-4
GUITAR	10	15	50	5	11	8	-27	3
MUSIC LITERATURE	0	2	*	2	0	1	*	2
MUSIC APPRECIAT.	0	2	*	2	0	1	*	2
MUSIC THEORY 3	2	1	-50	-1	2	1	-76	-1
ORCHESTRA	5	7	40	2	6	4	-32	1
MUSIC THEORY 2	1	0	-100	-1	1	0	-100	-1
VOCAL TECHNIQUES	1	0	-100	-1	1	0	-100	-1
OTHER GEN. MUSIC	0	0	*	0	0	0	*	0
ELECTRONIC MUSIC	0	0	*	0	0	0	*	0
TOTAL	88	182	107	94	99	101	2	75

TABLE B-5-D
MUSIC ENROLLMENTS IN HIGH SES SCHOOLS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
KEYBOARD	170	392	131	222	7	14	90	188
CHORUS	644	589	-9	-55	28	21	-25	-163
INT. MUSIC PERF.	0	125	*	125	0	4	*	125
GUITAR	264	210	-20	-54	11	7	-35	-107
BAND	698	739	6	41	30	26	-13	-98
INSTRUMENT. TECH.	63	167	165	104	3	6	118	91
INSTRUMENT. ENSM.	162	253	56	91	7	9	28	59
VOCAL ENSEMBLE	152	238	57	86	7	8	29	56
ORCHESTRA	90	52	-42	-38	4	2	-52	-56
VOCAL TECHNIQUES	28	0	-100	-28	1	0	-100	-34
MUSIC THEORY 3	28	1	-96	-27	1	0	-97	-33
MUSIC APPRECIAT.	0	30	*	30	0	1	*	30
MUSIC LITERATURE	0	29	*	29	0	1	*	29
MUSIC THEORY 1	16	5	-69	-11	1	0	-74	-14
MUSIC THEORY 2	12	0	-100	-12	1	0	-100	-14
OTHER GEN. MUSIC	0	0	*	0	0	0	*	0
ELECTRONIC MUSIC	0	0	*	0	0	0	*	0
TOTAL	2327	2030	22	503	101	99	-2	39

TABLE B-5-E
MUSIC OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
INSTRUMENT. ENSM.	2	19	850	17	2	14	464	16
CHORUS	9	26	189	17	11	19	72	13
INSTRUMENT. TECH.	17	14	-18	-3	21	10	-51	-10
ELECTRONIC MUSIC	6	1	-83	-5	7	1	-90	-8
BAND	16	31	94	15	20	22	15	8
GUITAR	11	9	-18	-2	13	7	-51	-7
VOCAL ENSEMBLE	4	12	200	8	5	9	78	6
INT. MUSIC PERF.	0	3	*	3	0	2	*	3
MUSIC THEORY 1	0	1	*	1	0	1	*	1
MUSIC APPRECIAT.	0	1	*	1	0	1	*	1
ORCHESTRA	1	0	-100	-1	1	0	-100	-1
KEYBOARD	14	21	50	7	17	15	-11	1
MUSIC THEORY 2	1	0	-100	-1	1	0	-100	-1
MUSIC THEORY 3	1	0	-100	-1	1	0	-100	-1
MUSIC LITERATURE	0	0	*	0	0	0	*	0
VOCAL TECHNIQUES	0	0	*	0	0	0	*	0
OTHER GEN. MUSIC	0	0	*	0	0	0	*	0
TOTAL	82	138	68	56	99	101	2	21

TABLE B-5-F

MUSIC ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
INSTRUMENT. ENSM.	40	474	1085	434	2	15	823	421
ELECTRONIC MUSIC	199	24	-88	-175	8	1	-91	-237
INSTRUMENT. TECH.	293	181	-38	-112	12	6	-52	-204
GUITAR	278	191	-31	-87	12	6	-46	-174
CHORUS	412	679	65	267	17	22	28	138
INT. MUSIC PERF.	0	69	*	69	0	2	*	69
KEYBOARD	302	347	15	45	13	11	-11	-50
BAND	761	964	27	203	32	31	-1	-35
MUSIC THEORY 3	26	0	-100	-26	1	0	-100	-34
MUSIC APPRECIAT.	0	34	*	34	0	1	*	34
VOCAL ENSEMBLE	81	121	49	40	3	4	16	15
MUSIC THEORY 2	10	0	-100	-10	0	0	-100	-13
MUSIC THEORY 1	0	5	*	5	0	0	*	5
ORCHESTRA	4	0	-100	-4	0	0	-100	-5
VOCAL TECHNIQUES	0	0	*	0	0	0	*	0
MUSIC LITERATURE	0	0	*	0	0	0	*	0
OTHER GEN. MUSIC	0	0	*	0	0	0	*	0
TOTAL	2406	3089	28	683	100	99	-1	-70

TABLE B-6-A

SCIENCE OFFERINGS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCE	19	228	1100	209	3	19	561	203
GENERAL SCIENCE	102	41	-60	-61	16	3	-78	-94
CHEMISTRY 1	69	152	120	83	11	13	21	61
OTHER GENERAL SCIENCE	46	0	-100	-46	7	0	-100	-61
ECOLOGY	6	68	1033	62	1	6	524	60
MARINE BIOLOGY	10	57	470	47	2	5	214	44
BIOLOGY 1	289	413	43	124	45	35	-21	32
OTHER EARTH-SPACE SCI.	6	40	567	34	1	3	267	32
ANAY. & PHYSIO.	22	55	150	33	3	5	38	26
MARINE SCIENCE-OCEAN	3	20	567	17	0	2	267	16
ENVIRONMENTAL SCIENCE	0	11	*	11	0	1	*	11
OTHER SCIENCE	7	0	-100	-7	1	0	-100	-9
PHYSICS 1	33	49	48	16	5	4	-18	5
CHEMISTRY 2	6	3	-50	-3	1	0	-72	-5
BOTANY	3	0	-100	-3	0	0	-100	-4
AP PHYSICS	4	8	100	4	1	1	10	3
AP CHEMISTRY	9	14	56	5	1	1	-14	2
AP BIOLOGY	11	17	55	6	2	1	-15	2
OTHER PHYSICAL SCIENCE	1	0	-100	-1	0	0	-100	-1
PHYSICS 2	1	0	-100	-1	0	0	-100	-1
BIOLOGY 2	1	1	0	0	0	0	-45	0
ASTRONOMY	1	1	0	0	0	0	-45	0
TOTAL	649	1178	82	529	100	99	-1	322

TABLE B-6-B

SCIENCE ENROLLMENTS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCE	526	6417	1120	5891	3	20	539	5758
ECOLOGY	185	2081	1025	1896	1	6	489	1849
CHEMISTRY 1	2091	4272	104	2181	12	13	7	1653
GENERAL SCIENCE	2020	1037	-49	-983	12	3	-73	-1493
OTHER GENERAL SCIENCE	1036	0	-100	-1036	6	0	-100	-1298
MARINE BIOLOGY	280	1519	443	1239	2	5	184	1168
BIOLOGY 1	8579	11597	35	3018	51	36	-29	851
ANAY. & PHYSIO.	585	1572	169	987	3	5	41	839
OTHER EARTH-SPACE SCI.	147	1022	595	875	1	3	264	838
MARINE SCIENCE-OCEAN	74	511	591	437	0	2	262	418
PHYSICS 1	652	1193	83	541	4	4	-4	376
ENVIRONMENTAL SCIENCE	0	276	*	276	0	1	*	276
BOTANY	70	0	-100	-70	0	0	-100	-88
CHEMISTRY 2	99	58	-41	-41	1	0	-69	-66
OTHER SCIENCE	52	0	-100	-52	0	0	-100	-65
AP BIOLOGY	205	292	42	87	1	1	-25	35
AP PHYSICS	51	81	59	30	0	0	-17	17
AP CHEMISTRY	133	156	17	23	1	0	-39	-11
OTHER PHYSICAL SCIENCE	7	0	-100	-7	0	0	-100	-9
BIOLOGY 2	18	14	-22	-4	0	0	-59	-9
ASTRONOMY	19	27	42	8	0	0	-26	3
PHYSICS 2	1	0	-100	-1	0	0	-100	-1
TOTAL	16830	32125	91	15295	98	99	1	11041

TABLE B-6-C

SCIENCE OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCE	8	55	588	47	2	9	328	45
ECOLOGY	2	42	2000	40	1	7	1207	40
MARINE BIOLOGY	9	48	433	39	2	8	232	37
CHEMISTRY 1	48	90	88	42	13	15	17	31
GENERAL SCIENCE	36	19	-47	-17	10	3	-67	-25
OTHER GENERAL SCIENCE	20	0	-100	-20	5	0	-100	-24
ANAY. & PHYSIO.	15	34	127	19	4	6	41	16
OTHER EARTH-SPACE SCI.	6	23	283	17	2	4	139	16
MARINE SCIENCE-OCEAN	1	8	700	7	0	1	398	7
ENVIRONMENTAL SCIENCE	0	6	*	6	0	1	*	6
CHEMISTRY 2	2	0	-100	-2	1	0	-100	-2
PHYSICS 1	22	29	32	7	6	5	-18	2
AP CHEMISTRY	7	7	0	0	2	1	-38	-2
BIOLOGY 1	181	219	21	38	49	37	-25	-2
BIOLOGY 2	1	0	-100	-1	0	0	-100	-1
OTHER SCIENCE	1	0	-100	-1	0	0	-100	-1
AP PHYSICS	3	5	67	2	1	1	4	1
BOTANY	0	0	*	0	0	0	*	0
OTHER PHYSICAL SCIENCE	0	0	*	0	0	0	*	0
PHYSICS 2	0	0	*	0	0	0	*	0
AP BIOLOGY	8	10	25	2	2	2	-22	0
ASTRONOMY	1	1	0	0	0	0	-38	0
TOTAL	371	596	61	225	100	100	0	144

TABLE B-6-D

SCIENCE ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
ECOLOGY	72	1354	1781	1282	1	8	934	1268
PHYSICAL SCIENCE	207	1477	614	1270	2	9	292	1229
MARINE BIOLOGY	249	1264	408	1015	3	8	179	965
CHEMISTRY 1	1352	2559	89	1207	15	16	4	938
ANAY. & PHYSIO.	381	971	155	590	4	6	40	514
OTHER EARTH-SPACE SCI.	147	600	308	453	2	4	125	424
OTHER GENERAL SCIENCE	351	0	-100	-351	4	0	-100	-421
GENERAL SCIENCE	63	465	638	402	1	3	306	389
PHYSICS 1	409	768	88	359	5	5	3	277
BIOLOGY 1	5344	6162	15	818	59	38	-37	-247
MARINE SCIENCE-OCEAN	27	273	911	246	0	2	456	241
ENVIRONMENTAL SCIENCE	0	117	*	117	0	1	*	117
AP CHEMISTRY	103	90	-13	-13	1	1	-52	-34
OTHER SCIENCE	28	0	-100	-28	0	0	-100	-34
CHEMISTRY 2	22	0	-100	-22	0	0	-100	-26
BIOLOGY 2	18	0	-100	-18	0	0	-100	-22
AP BIOLOGY	159	174	9	15	2	1	-40	-17
ASTRONOMY	19	27	42	8	0	0	-22	4
AP PHYSICS	44	52	18	8	0	0	-35	-1
PHYSICS 2	0	0	*	0	0	0	*	0
OTHER PHYSICAL SCIENCE	0	0	*	0	0	0	*	0
BOTANY	0	0	*	0	0	0	*	0
TOTAL	8995	16353	82	7358	99	102	3	5564

TABLE B-6-E

SCIENCE OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCE	11	173	1473	162	4	30	651	157
GENERAL SCIENCE	66	22	-67	-44	24	4	-84	-73
BIOLOGY 1	108	194	80	86	39	33	-14	38
OTHER GENERAL SCIENCE	26	0	-100	-26	9	0	-100	-37
CHEMISTRY 1	21	62	195	41	8	11	41	32
ECOLOGY	4	26	550	22	1	4	210	20
OTHER EARTH-SPACE SCI.	0	17	*	17	0	3	*	17
ANAY. & PHYSIO.	7	21	200	14	3	4	43	11
OTHER SCIENCE	6	0	-100	-6	2	0	-100	-9
MARINE SCIENCE-OCEAN	2	12	500	10	1	2	187	9
MARINE BIOLOGY	1	9	800	8	0	2	330	8
ENVIRONMENTAL SCIENCE	0	5	*	5	0	1	*	5
BOTANY	3	0	-100	-3	1	0	-100	-4
AP CHEMISTRY	2	7	250	5	1	1	67	4
PHYSICS 1	11	20	82	9	4	3	-13	4
AP BIOLOGY	3	7	133	4	1	1	11	3
CHEMISTRY 2	4	3	-25	-1	1	1	-64	-3
AP PHYSICS	1	3	200	2	0	1	43	2
BIOLOGY 2	0	1	*	1	0	0	*	1
PHYSICS 2	1	0	-100	-1	0	0	-100	-1
OTHER PHYSICAL SCIENCE	1	0	-100	-1	0	0	-100	-1
ASTRONOMY	0	0	*	0	0	0	*	0
TOTAL	278	582	109	304	99	101	2	183

TABLE B-6-F
SCIENCE ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
PHYSICAL SCIENCE	319	4940	1449	4621	4	31	669	4621
GENERAL SCIENCE	1957	572	-71	-1385	25	4	-85	-1998
BIOLOGY 1	3235	5435	68	2200	41	34	-17	1187
OTHER GENERAL SCIENCE	685	0	-100	-685	9	0	-100	-900
CHEMISTRY 1	739	1713	132	974	9	11	15	742
ECOLOGY	113	727	543	614	1	5	220	570
OTHER EARTH-SPACE SCI.	0	422	*	422	0	3	*	422
ANAY. & PHYSIO.	204	601	195	397	3	4	46	333
MARINE BIOLOGY	31	255	723	224	0	2	309	214
MARINE SCIENCE-OCEAN	47	238	406	191	1	2	152	176
ENVIRONMENTAL SCIENCE	0	159	*	159	0	1	*	159
PHYSICS 1	243	425	75	182	3	3	-13	106
BOTANY	70	0	-100	-70	1	0	-100	-92
AP BIOLOGY	46	118	157	72	1	1	27	58
CHEMISTRY 2	77	58	-25	-19	1	0	-63	-43
OTHER SCIENCE	24	0	-100	-24	0	0	-100	-32
AP CHEMISTRY	30	66	120	36	0	0	9	27
AP PHYSICS	7	29	314	22	0	0	106	20
BIOLOGY 2	0	14	*	14	0	0	*	14
OTHER PHYSICAL SCIENCE	7	0	-100	-7	0	0	-100	-9
PHYSICS 2	1	0	-100	-1	0	0	-100	-1
ASTRONOMY	0	0	*	0	0	0	*	0
TOTAL	7835	15772	101	7937	99	101	2	5483

TABLE B-7-A
SOCIAL STUDIES OFFERINGS
DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
WORLD HISTORY	39	241	518	202	5	23	396	190
AMERICAN GOVERNMT.	258	225	-13	-33	31	22	-30	-116
ECONOMICS	5	82	1540	77	1	8	1216	75
AMERICAN HIST. 1-2	307	347	13	40	37	33	-9	-58
PSYCHOLOGY	54	40	-26	-14	6	4	-41	-31
OTHER SOCIAL STUDIES	22	0	-100	-22	3	0	-100	-29
WORLD GEOGRAPHY	24	5	-79	-19	3	0	-83	-27
CONTEMP. HISTORY	17	0	-100	-17	2	0	-100	-22
EUROPEAN HISTORY	11	0	-100	-11	1	0	-100	-15
OTHER HISTORY	0	14	*	14	0	1	*	14
ANTHROPOLOGY	11	3	-73	-8	1	0	-78	-12
AP AMERICAN HIST.	25	22	-12	-3	3	2	-29	-11
LAW STUDIES	16	11	-31	-5	2	1	-45	-10
OTHER POLITICAL SCI.	12	24	100	12	1	2	61	8
SOCIOLOGY	11	7	-36	-4	1	1	-49	-8
POLITICAL SCIENCE	5	1	-80	-4	1	0	-84	-6
AFRO-AMERICAN HIST	2	0	-100	-2	0	0	-100	-3
LATIN AMERICAN HIST.	2	0	-100	-2	0	0	-100	-3
INTRO TO SOC-BEH SCI.	2	0	-100	-2	0	0	-100	-3
PHILOSOPHY	0	1	*	1	0	0	*	1
AFRICAN HISTORY	0	1	*	1	0	0	*	1
FUTURE STUDIES	0	1	*	1	0	0	*	1
ADVANCED ECONOMICS	10	13	30	3	1	1	4	0
TOTAL	833	1038	25	205	99	98	-1	-64

TABLE B-7-B
SOCIAL STUDIES ENROLLMENTS
DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
WORLD HISTORY	1157	7351	535	6194	5	25	412	5902
AMERICAN GOVERNMT.	7186	6041	-16	-1145	31	21	-32	-2960
ECONOMICS	150	2347	1465	2197	1	8	1162	2159
AMERICAN HIST. 1-2	9274	9831	6	557	40	34	-14	-1786
PSYCHOLOGY	1652	1182	-28	-470	7	4	-42	-887
WORLD GEOGRAPHY	712	132	-81	-580	3	0	-85	-760
CONTEMP. HISTORY	558	0	-100	-558	2	0	-100	-699
ANTHROPOLOGY	322	66	-80	-256	1	0	-83	-337
OTHER SOCIAL STUDIES	234	0	-100	-234	1	0	-100	-293
EUROPEAN HISTORY	206	0	-100	-206	1	0	-100	-258
OTHER HISTORY	0	249	*	249	0	1	*	249
AP AMERICAN HIST.	515	432	-16	-83	2	1	-32	-213
LAW STUDIES	387	286	-26	-101	2	1	-40	-199
POLITICAL SCIENCE	121	15	-88	-106	1	0	-90	-137
LATIN AMERICAN HIST.	60	0	-100	-60	0	0	-100	-75
OTHER POLITICAL SCI.	349	508	46	159	1	2	17	71
AFRO-AMERICAN HIST	49	0	-100	-49	0	0	-100	-61
INTRO TO SOC-BEH SCI.	30	0	-100	-30	0	0	-100	-38
AFRICAN HISTORY	0	25	*	25	0	0	*	25
PHILOSOPHY	0	10	*	10	0	0	*	10
ADVANCED ECONOMICS	242	294	21	52	1	1	-2	-9
SOCIOLOGY	138	166	20	28	1	1	-3	-7
FUTURE STUDIES	0	4	*	4	0	0	*	4
TOTAL	23342	28939	24	5597	100	99	-1	-299

TABLE B-8-C

SOCIAL STUDIES OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
AMERICAN GOVERNMT.	163	138	-15	-25	33	25	-23	-61
WORLD HISTORY	17	70	312	53	3	13	273	49
ECONOMICS	1	44	4300	43	0	8	3882	43
OTHER SOCIAL STUDIES	17	0	-100	-17	3	0	-100	-21
AMERICAN HIST. 1-2	179	199	11	20	36	36	1	-20
PSYCHOLOGY	36	28	-22	-8	7	5	-30	-16
ANTHROPOLOGY	11	0	-100	-11	2	0	-100	-13
EUROPEAN HISTORY	8	0	-100	-8	2	0	-100	-10
LAW STUDIES	13	6	-54	-7	3	1	-58	-10
OTHER HISTORY	0	9	*	9	0	2	*	9
AP AMERICAN HIST.	16	14	-13	-2	3	3	-21	-6
ADVANCED ECONOMICS	4	10	150	6	1	2	126	5
WORLD GEOGRAPHY	7	4	-43	-3	1	1	-48	-5
SOCIOLOGY	8	6	-25	-2	2	1	-32	-4
POLITICAL SCIENCE	3	1	-67	-2	1	0	-70	-3
OTHER POLITICAL SCI.	12	18	50	6	2	3	36	3
AFRO-AMERICAN HIST	1	0	-100	-1	0	0	-100	-1
FUTURE STUDIES	0	1	*	1	0	0	*	1
PHILOSOPHY	0	0	*	0	0	0	*	0
AFRICAN HISTORY	0	0	*	0	0	0	*	0
CONTEMP. HISTORY	0	0	*	0	0	0	*	0
LATIN AMERICAN HIST.	0	0	*	0	0	0	*	0
INTRO TO SOC-BEH SCI.	0	0	*	0	0	0	*	0
TOTAL	496	548	10	52	99	100	1	-60

TABLE B-8-D

SOCIAL STUDIES ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
AMERICAN GOVERNMT.	4477	3774	-16	-703	33	25	-23	-1595
WORLD HISTORY	502	2055	309	1553	4	14	274	1453
ECONOMICS	21	1231	5762	1210	0	8	5249	1206
AMERICAN HIST. 1-2	5448	5544	2	96	40	37	-7	-990
PSYCHOLOGY	1088	886	-19	-202	8	6	-26	-419
ANTHROPOLOGY	322	0	-100	-322	2	0	-100	-386
LAW STUDIES	364	184	-49	-180	3	1	-54	-253
EUROPEAN HISTORY	168	0	-100	-168	1	0	-100	-201
OTHER HISTORY	0	198	*	198	0	1	*	198
AP AMERICAN HIST.	362	264	-27	-98	3	2	-33	-170
WORLD GEOGRAPHY	210	107	-49	-103	2	1	-54	-145
OTHER SOCIAL STUDIES	103	0	-100	-103	1	0	-100	-124
ADVANCED ECONOMICS	98	215	119	117	1	1	100	97
POLITICAL SCIENCE	75	15	-80	-60	1	0	-82	-75
SOCIOLOGY	71	139	96	68	1	1	79	54
OTHER POLITICAL SCI.	349	370	6	21	3	2	-3	-49
AFRO-AMERICAN HIST	18	0	-100	-18	0	0	-100	-22
FUTURE STUDIES	0	4	*	4	0	0	*	4
PHILOSOPHY	0	0	*	0	0	0	*	0
AFRICAN HISTORY	0	0	*	0	0	0	*	0
CONTEMP. HISTORY	0	0	*	0	0	0	*	0
LATIN AMERICAN HIST.	0	0	*	0	0	0	*	0
INTRO TO SOC-BEH SCI.	0	0	*	0	0	0	*	0
TOTAL	13676	14986	10	1310	103	99	-4	-1417

TABLE B-8-E

SOCIAL STUDIES OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
WORLD HISTORY	22	171	677	149	7	34	424	139
AMERICAN GOVERNMT.	95	97	2	2	28	19	-31	-40
AMERICAN HIST. 1-2	128	148	16	20	38	30	-22	-36
ECONOMICS	4	38	850	34	1	8	540	32
CONTEMP. HISTORY	17	0	-100	-17	5	0	-100	-24
WORLD GEOGRAPHY	17	1	-94	-16	5	0	-96	-23
PSYCHOLOGY	18	12	-33	-6	5	2	-55	-14
OTHER SOCIAL STUDIES	5	0	-100	-5	1	0	-100	-7
ADVANCED ECONOMICS	6	3	-50	-3	2	1	-66	-6
OTHER POLITICAL SCI.	0	6	*	6	0	1	*	6
OTHER HISTORY	0	5	*	5	0	1	*	5
AP AMERICAN HIST.	9	8	-11	-1	3	2	-40	-5
EUROPEAN HISTORY	3	0	-100	-3	1	0	-100	-4
POLITICAL SCIENCE	2	0	-100	-2	1	0	-100	-3
SOCIOLOGY	3	1	-67	-2	1	0	-78	-3
ANTHROPOLOGY	0	3	*	3	0	1	*	3
LATIN AMERICAN HIST.	2	0	-100	-2	1	0	-100	-3
INTRO TO SOC-BEH SCI.	2	0	-100	-2	1	0	-100	-3
AFRO-AMERICAN HIST	1	0	-100	-1	0	0	-100	-1
AFRICAN HISTORY	0	1	*	1	0	0	*	1
LAW STUDIES	3	5	67	2	1	1	12	1
PHILOSOPHY	0	1	*	1	0	0	*	1
FUTURE STUDIES	0	0	*	0	0	0	*	0
TOTAL	337	500	48	163	101	100	-1	16

TABLE B-8-F

SOCIAL STUDIES ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
WORLD HISTORY	655	5266	704	4611	7	38	458	4406
AMERICAN GOVERNMT.	2709	2267	-16	-442	28	16	-42	-1291
ECONOMICS	129	1116	765	987	1	8	501	947
AMERICAN HIST. 1-2	3826	4287	12	461	40	31	-22	-738
CONTEMP. HISTORY	558	0	-100	-558	6	0	-100	-733
WORLD GEOGRAPHY	502	25	-95	-477	5	0	-97	-634
PSYCHOLOGY	564	296	-48	-268	6	2	-64	-445
OTHER SOCIAL STUDIES	131	0	-100	-131	1	0	-100	-172
OTHER POLITICAL SCI.	0	138	•	138	0	1	•	138
ADVANCED ECONOMICS	144	79	-45	-65	1	1	-62	-110
LATIN AMERICAN HIST.	60	0	-100	-60	1	0	-100	-79
LAW STUDIES	23	102	343	79	0	1	208	72
ANTHROPOLOGY	0	66	•	66	0	0	•	66
SOCIOLOGY	67	27	-60	-40	1	0	-72	-61
POLITICAL SCIENCE	46	0	-100	-46	0	0	-100	-60
OTHER HISTORY	0	51	•	51	0	0	•	51
EUROPEAN HISTORY	38	0	-100	-38	0	0	-100	-50
AFRO-AMERICAN HIST	31	0	-100	-31	0	0	-100	-41
INTRO TO SOC-BEH SCI.	30	0	-100	-30	0	0	-100	-39
AP AMERICAN HIST.	153	168	10	15	2	1	-24	-33
AFRICAN HISTORY	0	25	•	25	0	0	•	25
PHILOSOPHY	0	10	•	10	0	0	•	10
FUTURE STUDIES	0	0	•	0	0	0	•	0
TOTAL	9666	13923	44	4257	99	99	0	1229

TABLE B-9-A VOCATIONAL OFFERINGS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	534	460	-14	-74	33	32	-1	-245
DIVERSIFIED OCCUPATIONS	289	171	-41	-118	18	12	-32	-210
INDUSTRIAL ARTS EDUCAT.	294	284	-3	-10	18	20	11	-104
HOME ECONOMICS	154	150	-3	-4	9	11	12	-53
HEALTH OCCUPATIONS	53	36	-32	-17	3	3	-22	-34
ELEC. TRADES OCCUP.	40	22	-45	-18	2	2	-37	-31
VOC ED. FOR SPEC. NEEDS	15	0	-100	-15	1	0	-100	-20
AVIATION OCCUPATIONS	13	0	-100	-13	1	0	-100	-17
OTHER MARKETING	18	33	83	15	1	2	111	9
COMMERICAL ART OCCUP.	10	5	-50	-5	1	0	-42	-8
FORMANSHIP	5	0	-100	-5	0	0	-100	-7
INDUSTRIAL CRAFTS	5	0	-100	-5	0	0	-100	-7
CONST. & MAINT. OCC.	5	0	-100	-5	0	0	-100	-7
CORR. & JUDICIAL SERV.	5	1	-80	-4	0	0	-77	-6
T.V. & COMMER. PHOTO.	4	0	-100	-4	0	0	-100	-5
REAL ESTATE MARKETING	4	0	-100	-4	0	0	-100	-5
EMPLOYABILITY SKLLS	0	5	*	5	0	0	*	5
GENERAL BUSINESS	25	38	52	13	2	3	75	5
AIR COND. & REFRIDGER.	11	10	-9	-1	1	1	5	-5
ELECTRONICS	0	4	*	4	0	0	*	4
POWER MECHANICS	0	4	*	4	0	0	*	4
DRAFTING OCCUPATIONS	7	5	-29	-2	0	0	-18	-4
PERSONAL SERV OCC.	20	30	50	10	1	2	73	4
TYPEWRITING	13	13	0	0	1	1	15	-4
AGRICULTURAL PRODUCTION	7	13	86	6	0	1	114	4
OTHER PUB. SERV. OCC.	0	3	*	3	0	0	*	3
QUANTITY FOOD PROD.	5	10	100	5	0	1	131	3
APPLIANCE REPAIR OCC.	5	5	0	0	0	0	15	-2
SMALL ENGINE REP OCC.	8	9	13	1	0	1	30	-2
ORNAMENTAL HORTICULTURE	4	3	-25	-1	0	0	-14	-2
METAL FABRICATION	7	10	43	3	0	1	65	1
GRAPHIC ARTS OCCUP.	10	12	20	2	1	1	38	-1
BUSINESS OWNERSHIP	1	0	-100	-1	0	0	-100	-1
TRANS & TRAVEL MARK.	1	0	-100	-1	0	0	-100	-1
FORESTRY	1	0	-100	-1	0	0	-100	-1
SHORTHAND	1	0	-100	-1	0	0	-100	-1
AUTOMOTIVE SERVICE OCC.	39	51	31	12	2	4	51	0
GENERAL MARKETING	25	33	32	8	2	2	52	0
TOTAL	1638	1421	-13	-217	97	100	3	-740

TABLE B-9-B VOCATIONAL ENROLLMENTS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN SELECTED SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	14979	10953	-27	-4026	39	39	-2	-7810
DIVERSIFIED OCCUPATIONS	5964	3173	-47	-2791	16	11	-29	-4298
INDUSTRIAL ARTS EDUCAT.	6116	5119	-16	-997	16	18	12	-2542
HOME ECONOMICS	3766	3680	-2	-86	10	13	31	-1037
HEALTH OCCUPATIONS	1008	535	-47	-473	3	2	-29	-728
GENERAL BUSINESS	767	386	-50	-381	2	1	-33	-575
ELEC. TRADES OCCUP.	612	369	-40	-243	2	1	-19	-398
VOC ED. FOR SPEC. NEEDS	231	0	-100	-231	1	0	-100	-289
GENERAL MARKETING	472	379	-20	-93	1	1	7	-212
INDUSTRIAL CRAFTS	135	0	-100	-135	0	0	-100	-169
TYPEWRITING	412	355	-14	-57	1	1	15	-161
EMPLOYABILITY SKLLS	0	153	*	153	0	1	*	153
AVIATION OCCUPATIONS	121	0	-100	-121	0	0	-100	-152
COMMERICAL ART OCCUP.	174	68	-61	-106	0	0	-48	-150
REAL ESTATE MARKETING	107	0	-100	-107	0	0	-100	-134
GRAPHIC ARTS OCCUP.	170	85	-50	-85	0	0	-33	-128
FORMANSHIP	99	0	-100	-99	0	0	-100	-124
OTHER MARKETING	456	692	52	236	1	2	103	121
T.V. & COMMER. PHOTO.	94	0	-100	-94	0	0	-100	-118
DRAFTING OCCUPATIONS	123	49	-60	-74	0	0	-47	-105
POWER MECHANICS	0	103	*	103	0	0	*	103
SMALL ENGINE REP OCC.	107	32	-70	-75	0	0	-60	-102
AIR COND. & REFRIDGER.	177	121	-32	-56	0	0	-9	-101
OTHER PUB. SERV. OCC.	0	87	*	87	0	0	*	87
ELECTRONICS	0	87	*	87	0	0	*	87
CONST. & MAINT. OCC.	66	0	-100	-66	0	0	-100	-83
CORR. & JUDICIAL SERV.	78	19	-76	-59	0	0	-67	-79
APPLIANCE REPAIR OCC.	120	93	-23	-27	0	0	4	-57
QUANTITY FOOD PROD.	135	131	-3	-4	0	0	30	-38
SHORTHAND	30	0	-100	-30	0	0	-100	-38
TRANS & TRAVEL MARK.	24	0	-100	-24	0	0	-100	-30
ORNAMENTAL HORTICULTURE	41	21	-49	-20	0	0	-32	-30
FORESTRY	23	0	-100	-23	0	0	-100	-29
METAL FABRICATION	124	132	6	8	0	0	42	-23
PERSONAL SERV OCC.	399	483	21	84	1	2	62	-17
BUSINESS OWNERSHIP	12	0	-100	-12	0	0	-100	-15
AGRICULTURAL PRODUCTION	93	128	38	35	0	0	84	12
AUTOMOTIVE SERVICE OCC.	781	987	26	206	2	3	69	9
TOTAL	38016	28427	-25	-9589	95	95	0	-19193

TABLE B-9-C VOCATIONAL OFFERINGS HIGH SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	310	236	-24	-74	35	33	-6	-143
DIVERSIFIED OCCUPATIONS	164	97	-41	-67	18	13	-27	-104
INDUSTRIAL ARTS EDUCAT.	179	168	-6	-11	20	23	16	-51
HEALTH OCCUPATIONS	21	6	-71	-15	2	1	-65	-20
AVIATION OCCUPATIONS	13	0	-100	-13	1	0	-100	-16
ELEC. TRADES OCCUP.	21	10	-52	-11	2	1	-41	-16
VOC ED. FOR SPEC. NEEDS	10	0	-100	-10	1	0	-100	-12
GENERAL BUSINESS	12	26	117	14	1	4	167	11
HOME ECONOMICS	68	72	6	4	8	10	30	-11
OTHER MARKETING	12	23	92	11	1	3	136	8
INDUSTRIAL CRAFTS	5	0	-100	-5	1	0	-100	-6
COMMERICAL ART OCCUP.	5	0	-100	-5	1	0	-100	-6
SMALL ENGINE REP OCC.	5	0	-100	-5	1	0	-100	-6
GENERAL MARKETING	15	24	60	9	2	3	97	6
PERSONAL SERV OCC.	0	6	*	6	0	1	*	6
REAL ESTATE MARKETING	4	0	-100	-4	0	0	-100	-5
AGRICULTURAL PRODUCTION	7	13	86	6	1	2	129	4
TYPEWRITING	13	13	0	0	1	2	23	-3
AUTOMOTIVE SERVICE OCC.	16	18	13	2	2	2	38	-2
DRAFTING OCCUPATIONS	2	0	-100	-2	0	0	-100	-2
GRAPHIC ARTS OCCUP.	0	2	*	2	0	0	*	2
METAL FABRICATION	3	5	67	2	0	1	105	1
SHORTHAND	1	0	-100	-1	0	0	-100	-1
FORESTRY	1	0	-100	-1	0	0	-100	-1
ORNAMENTAL HORTICULTURE	3	3	0	0	0	0	23	-1
APPLIANCE REPAIR OCC.	0	0	*	0	0	0	*	0
QUANTITY FOOD PROD.	0	0	*	0	0	0	*	0
AIR COND. & REFRIDGER.	0	0	*	0	0	0	*	0
T.V. & COMMER. PHOTO.	0	0	*	0	0	0	*	0
FORMANSHIP	0	0	*	0	0	0	*	0
POWER MECHANICS	0	0	*	0	0	0	*	0
BUSINESS OWNERSHIP	0	0	*	0	0	0	*	0
ELECTRONICS	0	0	*	0	0	0	*	0
TRANS & TRAVEL MARK.	0	0	*	0	0	0	*	0
OTHER PUB. SERV. OCC.	0	0	*	0	0	0	*	0
CORR. & JUDICIAL SERV.	0	0	*	0	0	0	*	0
CONST. & MAINT. OCC.	0	0	*	0	0	0	*	0
EMPLOYABILITY SKLLS	0	0	*	0	0	0	*	0
TOTAL	890	723	-19	-167	98	99	1	-387

TABLE B-9-D VOCATIONAL ENROLLMENTS IN HIGH SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN HIGH SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	8819	5585	-37	-3234	43	40	-7	-4991
DIVERSIFIED OCCUPATIONS	3549	1685	-53	-1864	17	12	-31	-2571
INDUSTRIAL ARTS EDUCAT.	3408	2796	-18	-612	17	20	20	-1291
HEALTH OCCUPATIONS	321	93	-71	-228	2	1	-58	-292
HOME ECONOMICS	1606	1751	9	145	8	13	59	-175
INDUSTRIAL CRAFTS	135	0	-100	-135	1	0	-100	-162
GENERAL BUSINESS	336	254	-24	-82	2	2	10	-149
AVIATION OCCUPATIONS	121	0	-100	-121	1	0	-100	-145
ELEC. TRADES OCCUP.	257	167	-35	-90	1	1	-5	-141
TYPEWRITING	412	355	-14	-57	2	3	26	-139
VOC ED. FOR SPEC. NEEDS	111	0	-100	-111	1	0	-100	-133
REAL ESTATE MARKETING	107	0	-100	-107	1	0	-100	-128
COMMERICAL ART OCCUP.	77	0	-100	-77	0	0	-100	-92
PERSONAL SERV OCC.	0	90	*	90	0	1	*	90
SMALL ENGINE REP OCC.	73	0	-100	-73	0	0	-100	-88
GENERAL MARKETING	241	225	-7	-16	1	2	36	-64
DRAFTING OCCUPATIONS	47	0	-100	-47	0	0	-100	-56
AUTOMOTIVE SERVICE OCC.	269	375	39	106	1	3	104	52
SHORTHAND	30	0	-100	-30	0	0	-100	-36
FORESTRY	23	0	-100	-23	0	0	-100	-28
ORNAMENTAL HORTICULTURE	33	21	-36	-12	0	0	-7	-19
AGRICULTURAL PRODUCTION	93	128	38	35	0	1	101	16
OTHER MARKETING	299	371	24	72	1	3	81	12
METAL FABRICATION	54	71	31	17	0	1	92	6
GRAPHIC ARTS OCCUP.	0	5	*	5	0	0	*	5
FORMANSHIP	0	0	*	0	0	0	*	0
APPLIANCE REPAIR OCC.	0	0	*	0	0	0	*	0
AIR COND. & REFRIDGER.	0	0	*	0	0	0	*	0
POWER MECHANICS	0	0	*	0	0	0	*	0
T.V. & COMMER. PHOTO.	0	0	*	0	0	0	*	0
QUANTITY FOOD PROD.	0	0	*	0	0	0	*	0
BUSINESS OWNERSHIP	0	0	*	0	0	0	*	0
CONST. & MAINT. OCC.	0	0	*	0	0	0	*	0
TRANS & TRAVEL MARK.	0	0	*	0	0	0	*	0
OTHER PUB. SERV. OCC.	0	0	*	0	0	0	*	0
CORR. & JUDICIAL SERV.	0	0	*	0	0	0	*	0
ELECTRONICS	0	0	*	0	0	0	*	0
EMPLOYABILITY SKLLS	0	0	*	0	0	0	*	0
TOTAL	20421	13979	-32	-6442	99	103	4	-10512

TABLE B-9-E VOCATIONAL OFFERINGS IN LOW SES SCHOOLS

DEPARTMENTAL SECTIONS, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	CLASSES 1982-83	CLASSES 1986-87	PERCENT CHANGE CLASSES	ABSOLUTE CHANGE CLASSES	PROPORT CLASSES 1982-83	PROPORT CLASSES 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
DIVERSIFIED OCCUPATIONS	125	74	-41	-51	17	11	-37	-106
BUSINESS EDUCATION	224	224	0	0	30	32	7	-99
INDUSTRIAL ARTS EDUCAT.	115	116	1	1	15	17	8	-50
HOME ECONOMICS	86	78	-9	-8	11	11	-3	-46
HEALTH OCCUPATIONS	32	30	-6	-2	4	4	0	-16
ELEC. TRADES OCCUP.	19	12	-37	-7	3	2	-32	-15
GENERAL BUSINESS	13	12	-8	-1	2	2	-1	-7
FORMANSHIP	5	0	-100	-5	1	0	-100	-7
VOC ED. FOR SPEC. NEEDS	5	0	-100	-5	1	0	-100	-7
CONST. & MAINT. OCC.	5	0	-100	-5	1	0	-100	-7
T.V. & COMMER. PHOTO.	4	0	-100	-4	1	0	-100	-6
AIR COND. & REFRIDGER.	11	10	-9	-1	1	1	-3	-6
CORR. & JUDICIAL SERV.	5	1	-80	-4	1	0	-79	-6
SMALL ENGINE REP OCC.	3	9	200	6	0	1	221	5
PERSONAL SERV OCC.	20	24	20	4	3	3	29	-5
GENERAL MARKETING	10	9	-10	-1	1	1	-4	-5
EMPLOYABILITY SKLLS	0	5	*	5	0	1	*	5
GRAPHIC ARTS OCCUP.	10	10	0	0	1	1	7	-4
ELECTRONICS	0	4	*	4	0	1	*	4
POWER MECHANICS	0	4	*	4	0	1	*	4
QUANTITY FOOD PROD.	5	10	100	5	1	1	114	3
OTHER PUB. SERV. OCC.	0	3	*	3	0	0	*	3
DRAFTING OCCUPATIONS	5	5	0	0	1	1	7	-2
APPLIANCE REPAIR OCC.	5	5	0	0	1	1	7	-2
COMMERICAL ART OCCUP.	5	5	0	0	1	1	7	-2
TRANS & TRAVEL MARK.	1	0	-100	-1	0	0	-100	-1
BUSINESS OWNERSHIP	1	0	-100	-1	0	0	-100	-1
OTHER MARKETING	6	10	67	4	1	1	79	1
METAL FABRICATION	4	5	25	1	1	1	34	-1
ORNAMENTAL HORTICULTURE	1	0	-100	-1	0	0	-100	-1
AUTOMOTIVE SERVICE OCC.	23	33	43	10	3	5	54	0
FORESTRY	0	0	*	0	0	0	*	0
AVIATION OCCUPATIONS	0	0	*	0	0	0	*	0
INDUSTRIAL CRAFTS	0	0	*	0	0	0	*	0
REAL ESTATE MARKETING	0	0	*	0	0	0	*	0
AGRICULTURAL PRODUCTION	0	0	*	0	0	0	*	0
TYPEWRITING	0	0	*	0	0	0	*	0
SHORTHAND	0	0	*	0	0	0	*	0
TOTAL	748	698	-7	-50	102	100	-2	-377

TABLE B-9-F VOCATIONAL ENROLLMENTS IN LOW SES SCHOOLS

DEPARTMENTAL ENROLLMENT, PERCENT CHANGE, ABSOLUTE CHANGE, PROPORTION IN SECTION, PERCENTAGE CHANGE IN PROPORTION, AND ADJUSTED ABSOLUTE CHANGE IN LOW SES SCHOOLS BETWEEN 1982-83 AND 1986-87 IN DADE COUNTY IN ORDER OF ADJUSTED ABSOLUTE CHANGE

COURSE	ENROLLMT 1982-83	ENROLLMT 1986-87	PERCENT CHANGE ENROLLMT	ABSOLUTE CHANGE ENROLLMT	PROPORT ENROLLMT 1982-83	PROPORT ENROLLMT 1986-87	PERCENT CHANGE PROPORT	ADJUST ABSOLUTE CHANGE
BUSINESS EDUCATION	6160	5368	-13	-792	35	37	6	-2722
DIVERSIFIED OCCUPATIONS	2415	1488	-38	-927	14	10	-25	-1684
INDUSTRIAL ARTS EDUCAT.	2708	2293	-15	-415	15	16	3	-1263
HOME ECONOMICS	2160	1929	-11	-231	12	13	9	-908
HEALTH OCCUPATIONS	687	442	-36	-245	4	3	-21	-460
GENERAL BUSINESS	431	132	-69	-299	2	1	-63	-434
ELEC. TRADES OCCUP.	355	202	-43	-153	2	1	-31	-264
VOC ED. FOR SPEC. NEEDS	120	0	-100	-120	1	0	-100	-158
EMPLOYABILITY SKLLS	0	153	*	153	0	1	*	153
GENERAL MARKETING	231	154	-33	-77	1	1	-19	-149
GRAPHIC ARTS OCCUP.	170	80	-53	-90	1	1	-43	-143
PERSONAL SERV OCC.	399	393	-2	-6	2	3	20	-131
FORMANSHIP	99	0	-100	-99	1	0	-100	-130
T.V. & COMMER. PHOTO.	94	0	-100	-94	1	0	-100	-123
OTHER MARKETING	157	321	104	164	1	2	150	115
AIR COND. & REFRIDGER.	177	121	-32	-56	1	1	-17	-111
POWER MECHANICS	0	103	*	103	0	1	*	103
OTHER PUB. SERV. OCC.	0	87	*	87	0	1	*	87
ELECTRONICS	0	87	*	87	0	1	*	87
CONST. & MAINT. OCC.	66	0	-100	-66	0	0	-100	-87
CORR. & JUDICIAL SERV.	78	19	-76	-59	0	0	-70	-83
APPLIANCE REPAIR OCC.	120	93	-23	-27	1	1	-5	-65
AUTOMOTIVE SERVICE OCC.	512	612	20	100	3	4	46	-60
COMMERICAL ART OCCUP.	97	68	-30	-29	1	0	-14	-59
DRAFTING OCCUPATIONS	76	49	-36	-27	0	0	-21	-51
QUANTITY FOOD PROD.	135	131	-3	-4	1	1	18	-46
TRANS & TRAVEL MARK.	24	0	-100	-24	0	0	-100	-32
METAL FABRICATION	70	61	-13	-9	0	0	6	-31
BUSINESS OWNERSHIP	12	0	-100	-12	0	0	-100	-16
SMALL ENGINE REP OCC.	34	32	-6	-2	0	0	15	-13
ORNAMENTAL HORTICULTURE	8	0	-100	-8	0	0	-100	-11
REAL ESTATE MARKETING	0	0	*	0	0	0	*	0
AVIATION OCCUPATIONS	0	0	*	0	0	0	*	0
FORESTRY	0	0	*	0	0	0	*	0
AGRICULTURAL PRODUCTION	0	0	*	0	0	0	*	0
INDUSTRIAL CRAFTS	0	0	*	0	0	0	*	0
TYPEWRITING	0	0	*	0	0	0	*	0
SHORTHAND	0	0	*	0	0	0	*	0
TOTAL	17595	14418	-18	-3177	99	99	0	-8689

APPENDIX C

DESCRIPTIVE STATISTICS BY SCHOOL AND YEAR

Tables C-1 and C-2 present descriptive statistics by school and year for the school included in the sample. The first 8 schools in the tables are schools that were classified as low SES schools, while the second 8 were classified as high SES schools. If schools were classified into SES categories based on the percentage of students receiving subsidized lunches in 1985-86, schools L7 and L8 would have been classified as high SES and schools H1 and H5 would have been placed in the low SES group. Again, this demonstrates the instability of the SES measure used in the present analysis across time. However, a perusal of the other items in Tables 1-C and 1-D does not yield any discernable patterns indicating that the schools in the sample experienced extreme compositional changes that corresponded with changes experienced in the percentage of students receiving subsidized school lunches.

(Tables C-1 AND C-2 and Figures 1 through 8)

TABLE C-1
Sample Descriptive Statistics by School and Year

School	FreeRed Lnch		Black (%)		Hispanic (%)		SAT–Read		SAT–Math	
	1981-82	1985-86	1982-83	1986-87	1982-83	1986-87	1982-83	1986-87	1982-83	1986-87
L1	25.73	16.80	23	25	32	33	46	46	43	57
L2	23.83	15.70	18	19	35	49	41	55	57	59
L3	23.04	12.00	74	78	18	17	24	32	30	38
L4	21.54	11.90	79	84	14	12	24	19	30	38
L5	39.53	15.10	53	53	45	45	26	26	33	35
L6	38.19	13.00	8	9	88	87	42	39	54	54
L7	20.40	7.80	46	40	29	37	39	43	43	50
L8	19.48	10.10	83	88	13	9	15	23	33	35
H1	12.95	11.30	19	23	51	55	37	42	51	57
H2	18.66	*	21	19	16	19	42	48	47	54
H3	8.74	8.00	13	11	54	54	48	55	57	68
H4	10.59	9.20	6	7	80	84	37	35	51	54
H5	6.89	10.30	0	1	82	87	55	48	65	60
H6	8.39	3.20	24	22	12	17	60	67	71	76
H7	15.26	8.20	61	77	7	6	44	43	46	55
H8	4.33	6.80	0	1	62	70	53	51	59	62

Sources:

(1) Dade County Public Schools (1986). *District and School Profiles, 1986-87. Dade County Public Schools, Florida.* Miami, Florida. Office of Educational Accountability.

(2) Dade County Public Schools (1982). *District and School Profiles, 1982-83. Dade County Public Schools, Florida.* Miami, Florida. Office of Educational Accountability.

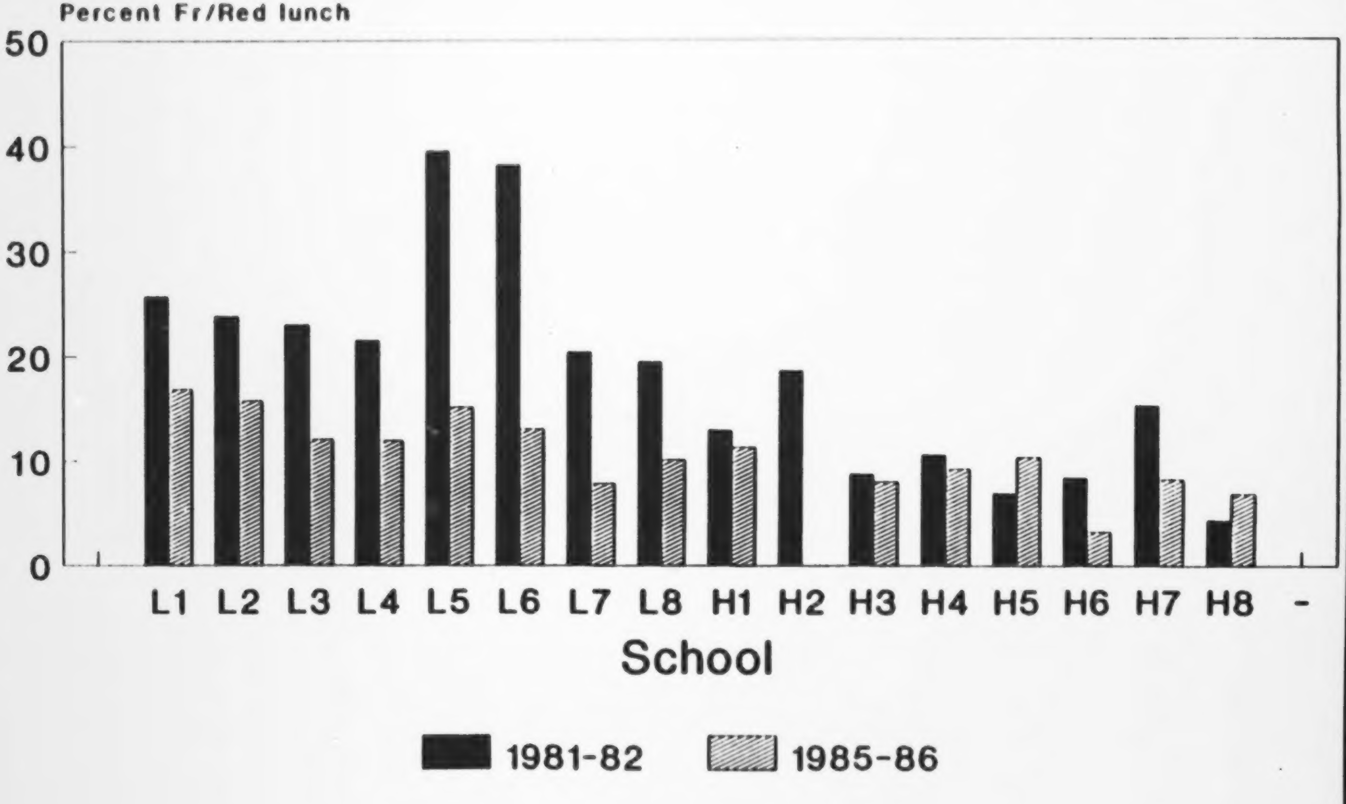
School lunch data is unavailable for school H2 in 1985-86.

TABLE C-2

Percentage of enrollments in Foreign Languages, Mathematics, and Vocational Education by School and Year

	Foreign Languages		Mathematics		Vocational Ed.	
School	1981-82	1985-86	1982-83	1986-87	1982-83	1986-87
L1	2.97	6.30	13.55	14.83	17.95	10.86
L2	6.44	6.92	15.81	14.89	13.44	8.72
L3	0.87	5.42	13.41	14.23	22.91	14.30
L4	1.05	3.79	13.57	13.32	28.36	15.07
L5	3.17	4.58	16.56	15.02	26.41	14.99
L6	3.57	6.08	14.96	14.15	17.76	14.74
L7	2.45	6.01	17.64	16.21	15.04	11.25
L8	1.61	3.21	16.45	15.47	19.71	9.89
H1	6.46	7.42	14.78	14.96	18.57	13.41
H2	2.14	5.93	13.62	14.70	19.88	10.91
H3	5.18	7.45	14.39	14.59	16.41	9.77
H4	3.76	6.75	14.71	13.92	20.27	14.15
H5	6.11	8.69	11.45	14.18	17.47	10.64
H6	6.88	8.55	15.10	14.63	16.97	10.88
H7	2.36	7.98	12.20	14.95	36.07	11.77
H8	3.46	7.12	15.82	14.18	17.81	10.10

FIGURE 1
Percent Free/Reduced Lunch for sample
of 16 schools in Dade County



• School lunch data is unavailable
for school H2 in 1985-86.

FIGURE 2

Percent Black in sample of 16 schools
in Dade County

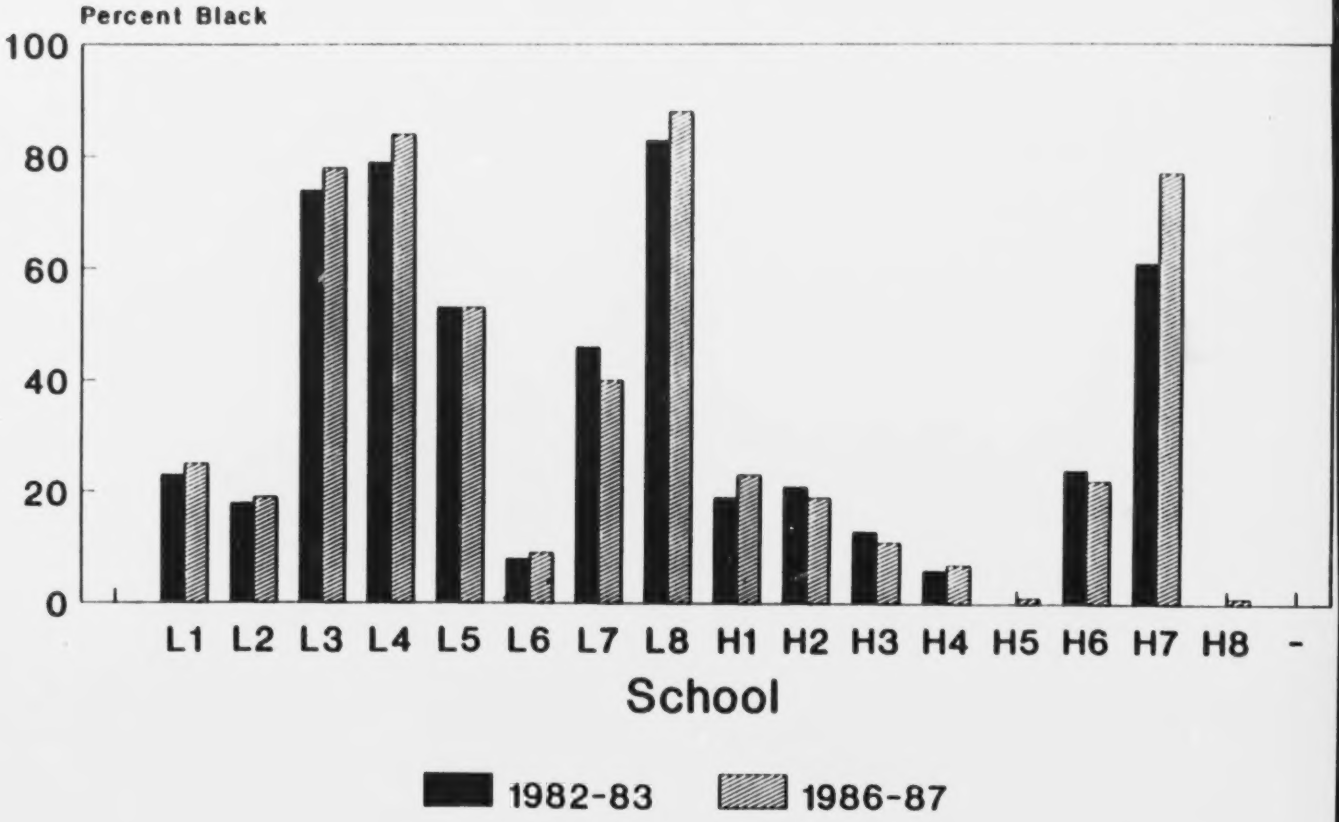


FIGURE 3
Percent Hispanic in sample of 16 schools in Dade County

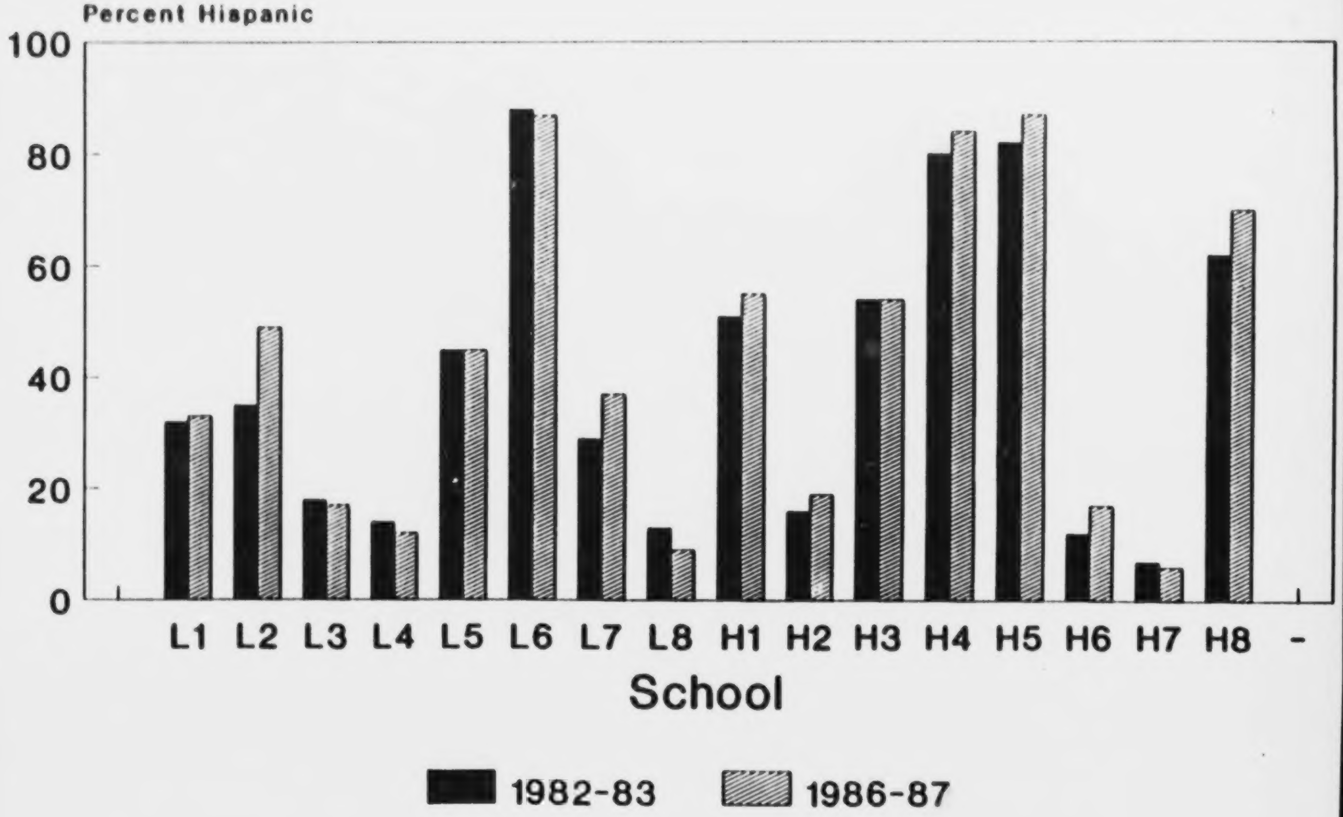


FIGURE 4
Stanford Achievement Test--Reading in Sample of 16 schools in Dade County

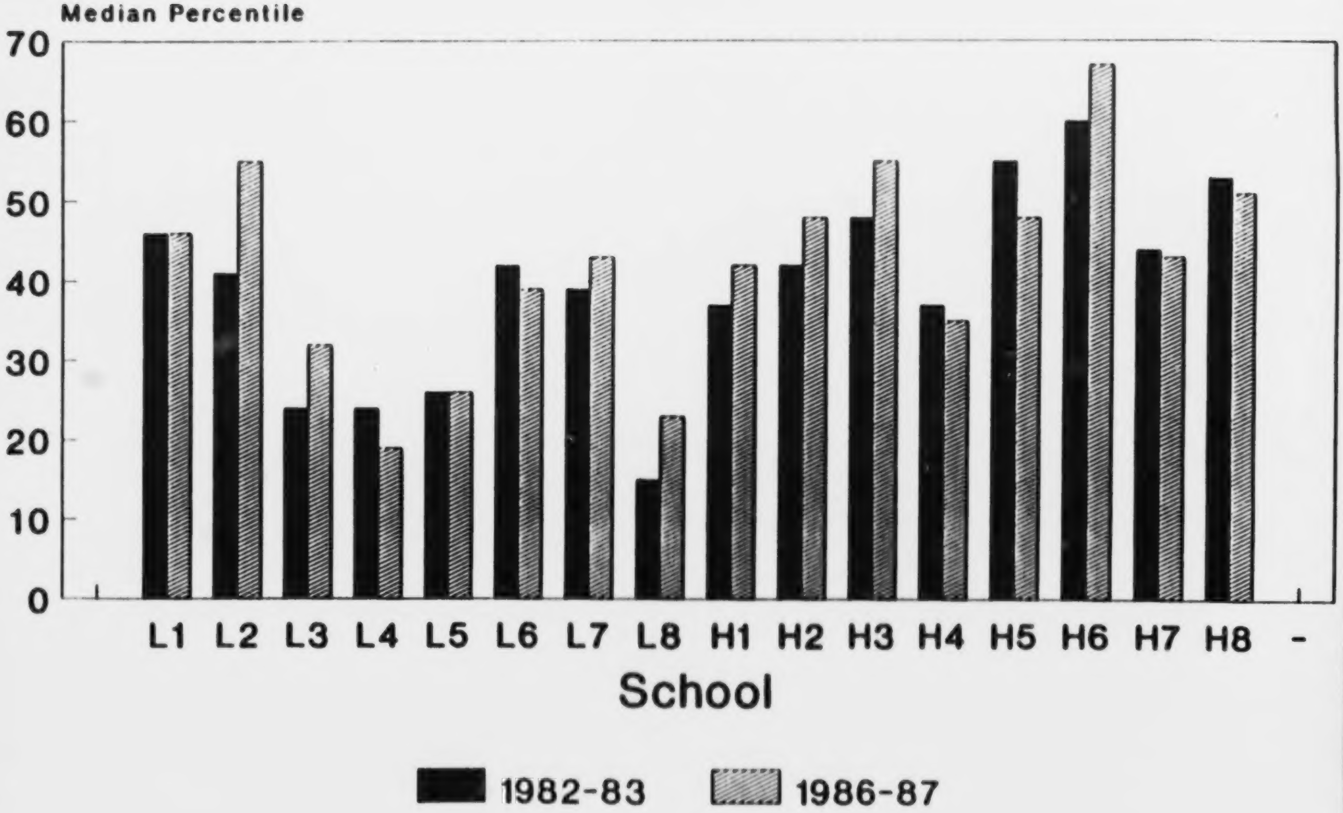


FIGURE 5
Stanford Achievement Test--Math in
Sample of 16 schools in Dade County

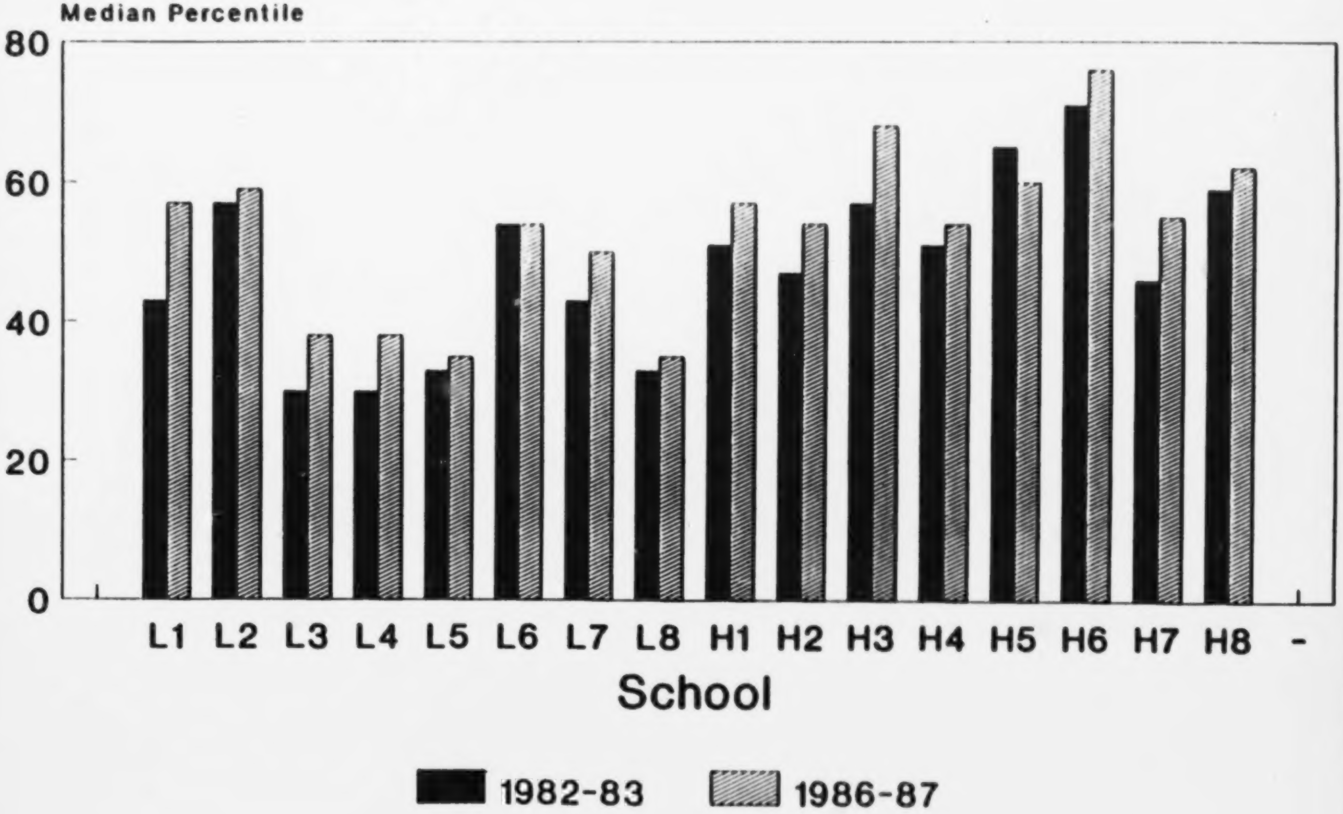


FIGURE 6

Percent of total enrollments in Foreign Languages

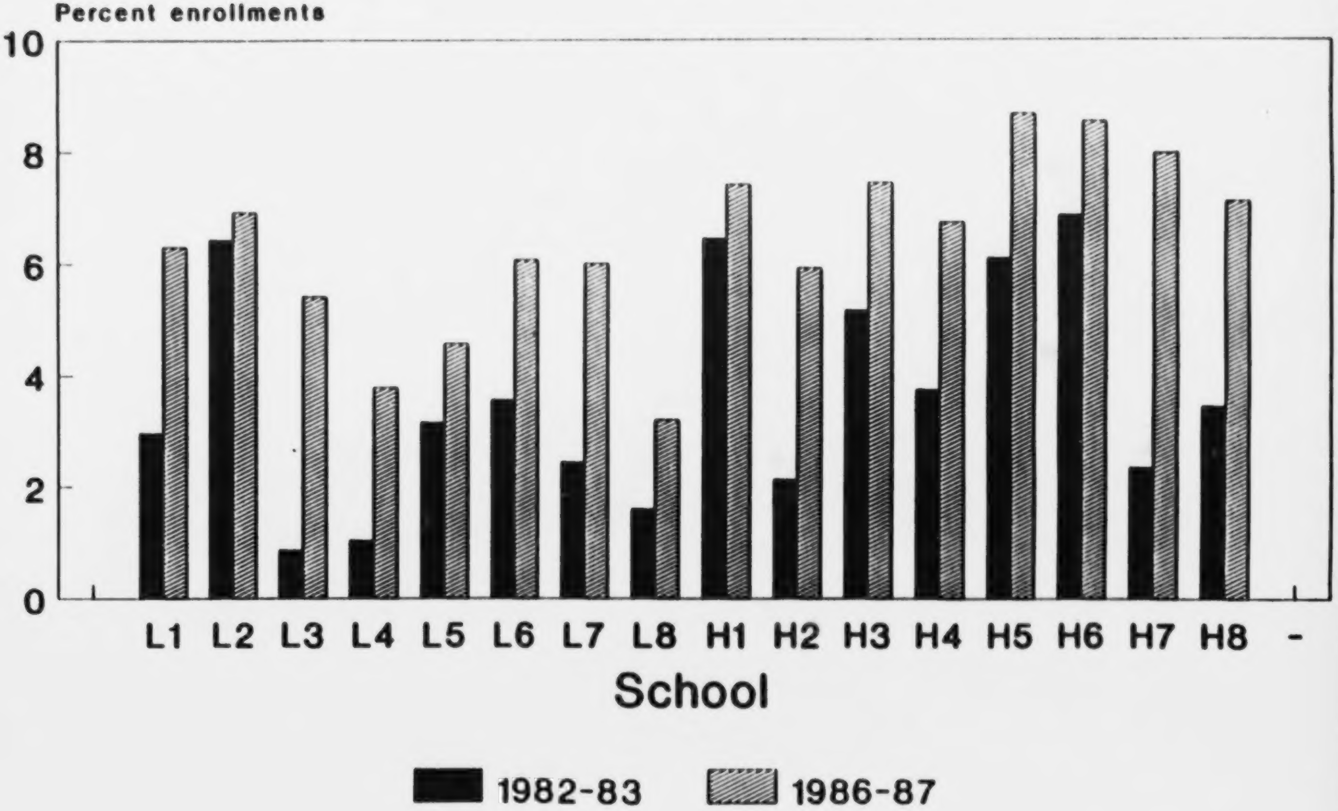


FIGURE 7

Percent of total enrollments in Mathematics

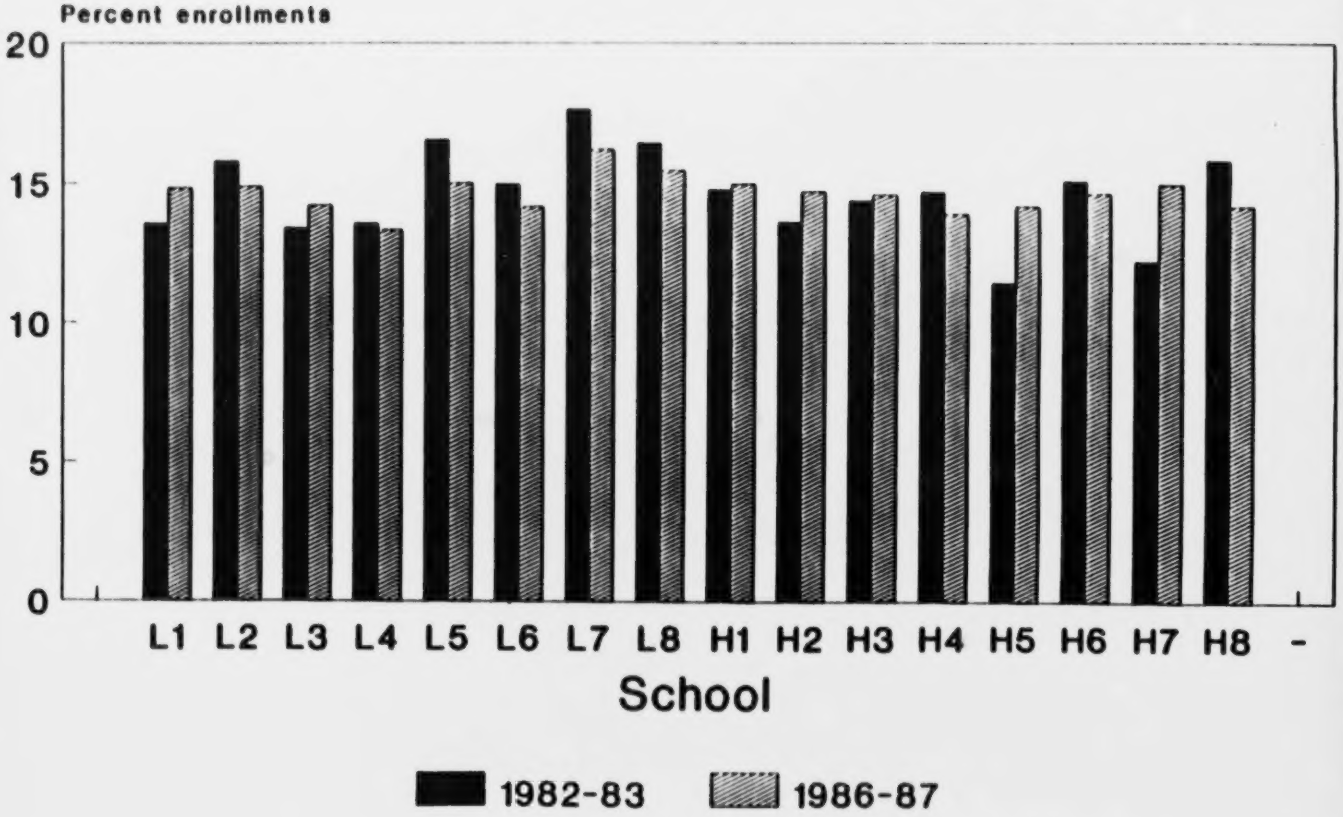


FIGURE 8

Percent of total enrollments in Vocational Education